STRUCTURE AND STYLE

The study and analysis of musical forms
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LEON STEIN
Director of the Graduate Division, De Paul University School of Music

Summy-Birchard Company
Evanston, Illinois
TO

ANNE, ROBERT AND KENNETH
All things are bound together
by order, and this is form, which brings the universe
into the likeness of God.

DANTE

The structure or form of a composition
is its pattern or plan. The function of form
is to make music intelligible and communicative
by the orderly arrangement of its materials—melody, harmony,
counterpoint, rhythm, meter, tempo, dynamics, and color.

Style refers
to the distinctive characteristics of a work,
a composer, or a period.
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Finally, I would be remiss, indeed, if I did not acknowledge the stimulation of those students—teachers of teachers—who share enthusiasms, pose problems, and ask questions. These, demanding solutions and evoking answers, helped clarify the content of a subject which—of all the branches of music study—makes music not only most comprehensible, but most meaningful.

Leon Stein

Chicago, Illinois
Contents

Preface vii
Introduction xi
Forms and compositional procedures at the period of their initial use in music history xvii

Section 1 Units of structure

I The figure, motive, and semi-phrase 3
II The cadence 10
III The phrase 22
IV Irregular phrases 28
V The period or sentence form 37
VI Enlargements and combinations of period forms 47

Section 2 Song forms

VII Song forms in general and auxiliary members 57
VIII The two-part song form 64
IX The three-part song form 69
X Expansions of the three-part song form and irregular part or group forms 75

Section 3 Single-movement forms

XI Song form with trio 81
XII Rondo forms 85
XIII Variation form 92
XIV The sonatine form 100
XV The sonata-allegro form 103
Section 4 Contrapuntal forms

xvi Contrapuntal techniques 121
xvii Imitative contrapuntal forms
Canon—invention—fugue 127
xviii Ostinato forms
Ground motive—ground bass—passacaglia—chaconne 139
xix Other single-movement forms
Toccata—chorale prelude 146

Section 5 Multi-movement and multi-sectional forms

xx The sonata as a whole—cyclic treatment 151
xxi The suite 156
xxii Concerto types
Concerto grosso—solo concerto 161
xxiii The overture 166
xxiv Free forms and program music 169

Section 6 Vocal types

xxv Sacred vocal types 177
xxvi Secular vocal types 188

Section 7 Past forms and present trends

xxvii Forms in music before 1600 199
xxviii Twentieth-century techniques 209
xxix The function of form and the creative process in music 226

Glossary of definitions 237
Index of music examples in Anthology of Musical Forms 242
Bibliography 245
Index 249
The need for a new text in analytical technique is in part the result of the development of music in the past half-century. This development has taken two directions: on the one hand it involves present-day organization in composition; on the other, it involves a probing into and a growing awareness of the music of an often-neglected past. In regard to contemporary music, not only are we concerned with new patterns or modifications of established forms, but we find it necessary to reinterpret and redefine concepts and terms which were previously taken for granted, and, in some cases, were even assumed to have achieved a certain finality. Furthermore, the need to relate form to style is emphasized by the treatment of forms in earlier texts as abstract patterns dissociated from historic and stylistic determinants. The frequent disregard of music composed before the eighteenth century is partly the result of an attitude which at one time considered composers of these earlier centuries as "forerunners" and assumed that their music was necessarily "preparatory." The extensive research into early Baroque and pre-Baroque music, combined with the revived interest in the publication and performance of music of these periods, has emphasized the need for a clearer understanding of that music and has led to an actual transvaluation of values. The fact that (after a lapse of centuries) devices and, in some cases, patterns in active use in Baroque, Renaissance, and even Gothic music are emergent once again in twentieth-century music makes the study of these early forms particularly pertinent today.

Every crystallized form has a two-fold aspect. There are stylistic features which characterize that form during a particular period, and there are certain basic characteristics which do not change from period to period. For example, the fugue is found in the works of Bach, Beethoven, Richard Strauss, and Hindemith. The nature of the subject and the intervals of subject-answer relationship may differ in the fugues of each of these composers—these are the stylistic char-
acteristics—but the essential fugue procedure is retained in each case.

In order to distinguish between the stylistic and the essential norm, some knowledge of the history of a form is necessary. Historical information is obviously necessary also, in order to know the “how” and “when” in relation to the emergence of specific forms. However, in a textbook on form, the historical treatment must necessarily be concise and considered as background to the forms themselves.

The forms with which this book is concerned are those found in Western music. The idiom, form, and aesthetics of Oriental music make it so markedly different from Western music that only a separate study could do it justice.

Concerning the table of *Forms and compositional procedures* which follows, several possible arrangements of the various patterns suggested themselves; secular-sacred, single-compound, monophonic-homophonic-polyphonic, vocal-instrumental, etc. But the fact that there are too many overlappings and ambiguities involved in such classifications—a cantata may be secular or sacred, a toccata a single or compound form, a hymn monophonic, homophonic, or polyphonic, and a motet, though a vocal form, could and often did involve instruments—led to the conclusion that the least confusing and controversial arrangement of the forms (at least from the student’s viewpoint) would be alphabetical listings within the respective eras.

The majority of works to be analyzed are those which use the tonal-triadic idiom, composed generally between 1600 and 1900. The reasons for this are: (a) most of the larger instrumental forms were crystallized during this period; (b) the idiom is that most familiar to students who have completed the theory courses usually prerequisite to the study of form; and (c) it is these works which are most frequently performed. However, to disregard works composed before 1600 or after 1900 is not only pedagogically unsound but, even from the standpoint of current repertoire, unrealistic. Therefore, one chapter is devoted to forms before 1600, and another to twentieth-century techniques. However, rather than consider twentieth-century music in an altogether separate category, twentieth-century procedures and structures are related to known patterns wherever it has been possible to do so. In some instances, this has involved broadening and even revising traditional concepts. Such a revision becomes necessary, for example, if we wish to maintain the concept of cadence as a kind of structural punctuation even when dissonant or non-triadic groupings occur in the final chord of a phrase or section. On the other hand, a unique technique, such as the tone-row system, must be considered by itself.

Ambiguity and lack of uniformity in terminology have always been problems in analysis. For that reason, the most generally accepted terms are used; those which might be equivocal or obscure have been
rejected, and personal or singular nomenclature has been avoided. A
glossary of definitions of basic terms has been provided since, as
many instructors have found, terms often taken for granted are fre-
quently misunderstood. Therefore, while this glossary has been placed
at the end of the book, it would be altogether feasible to discuss these
definitions at the very beginning of the course.

Associated with this text is a supplementary Anthology of Musical
Forms containing material to be analyzed and paralleling the forms
in the text. Reference to compositions in Anthology of Musical Forms
(often abbreviated AMF for convenience) is made by corresponding
arabic numeral; i.e., AMF, No. 6 (meas. 1-16). Throughout the
text are numerous references to other musical examples which will
further broaden the foundation and understanding of the inquiring
student.

Techniques and procedures in analysis

For purposes of reference it is advisable that the measures in the
music assigned for analysis be numbered. The numbering should be-
gin with the first complete measure of music. In repetitions or first
and second endings, the numbering should continue in consecutive
order as illustrated below:

\[
\begin{array}{c|c|c|c|c|c|c|c|c}
1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 \\
\end{array}
\]

In a song form with trio, the numbering should continue through the
trio, rather than calling the first measure of the trio measure 1.

Structural analysis will involve identification of melodic, harmonic,
and rhythmic units. Most often it will be found advisable to identify
the larger units first and proceed to progressively smaller units. In
homophonic compositions—the type most frequently assigned in
elementary analysis—the principal melody, usually in the uppermost
voice, will provide the clearest indication of form. The location and
identification of the cadence is an extremely important means of de-
fining structural units.

Basically, analysis involves identifying and relating likenesses on
the one hand and distinguishing differences on the other. Therefore,
neither description nor evaluation is the basis of the analysis, but
rather a grasp of relationships. One improves in analysis precisely as
one improves in performing—by diligent and concentrated practice.
It is for this reason that several examples of each structural type
should be assigned. It is not unusual for a student to feel that just as
he is beginning to grasp a particular principle, a new precept is dis-
cussed and new material assigned. However, since in the elementary
phase each successive assignment in analysis automatically reviews
the preceding assignments, the student need not fear that he is actually
“leaving” a particular subject before he may have grasped it fully.
Definitions and outlines of forms are actually a preparation and an introduction which become meaningful only after analysis.

The number and difficulty of the examples to be analyzed will, obviously, vary with the nature and length of a particular course, the level at which it is taught, and its function in a particular curriculum. Where a number of examples of a specific form are to be analyzed, it is best that they be taken in the order of difficulty. Thus, in the case of the three-part song form, examples from Mendelssohn’s *Songs Without Words* would be taken in the following order: No. 22, 35, 27, 30.

It should not be expected that every composition assigned for analysis will necessarily conform in every detail to a given outline. The outline of a pattern is presented to establish a norm as a frame of reference. If an outline is considered in a general way, more compositions will be found to conform to it than if the outline is hedged by limiting details which would exclude many otherwise valid examples. The more we particularize in regard to any form, the more often we may have to explain certain features in a specific work as “unusual” or “not found in a majority of cases.” Nevertheless, it is both possible and necessary to establish a norm which on the one hand is not so generalized as to be useless, nor on the other hand so restrictive as to exclude many compositions. It must be remembered that the music is created first and that identification and classification must necessarily follow. The student will maintain a necessary flexibility if he remembers that the outline of a form is a guide, not a rule. Variants of standard or traditional patterns may be expected, but these are variants precisely because some norm has been established. Further, the student should be aware that occasionally one encounters forms which are subject to more than one interpretation.

Form and content are two aspects of a single identity. Therefore, presentation and analysis will prove most meaningful if the objective is not primarily a kind of musical dissection, but is rather a kind of synthesis to which analysis is a necessary prelude. This can be accomplished if a given work is considered in relation to:

1. The specific form of which it is an example.
2. Any departure from, or modification of, the established pattern.
3. The style and aesthetics of the period in which it was composed.
4. The works and characteristic style of its composer.
5. Basic structural principles which are exemplified.

Aural as well as visual analysis is helpful. Even within such a short unit as the eight-measure sentence the ear does not ordinarily understand the form as the eye comprehends it. With directed practice, however, the ear can become surprisingly proficient. If there is not that aural comprehension which identifies and classifies relationships with-
in a work or a movement, hearing becomes simply a series of detached and episodic sensory experiences, and the work has little meaning beyond this succession of direct physiological impressions.

It is true that the essence of a composition is not found in the factual elements which are revealed by analysis, but it is equally true, paradoxically enough, that it is only after we pass through the gateway of these factual elements that the essence of a work is revealed. In the words of an ancient adage, “If you wish to understand the invisible, observe with care the visible.”
Forms and compositional procedures at the period of their initial use in music history

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<thead>
<tr>
<th>Era</th>
<th>Early Medieval</th>
<th>Romanesque</th>
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<tbody>
<tr>
<td>Chronology</td>
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<td>1000-1150</td>
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<td>Modes</td>
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<td>Free</td>
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<tr>
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<td>Gregorian chant</td>
<td>Liturgical drama (with tropes)</td>
</tr>
<tr>
<td></td>
<td>Hymn</td>
<td>Mass (beginning of)</td>
</tr>
<tr>
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<td>Mass (beginning of)</td>
<td>Mass (completion of)</td>
</tr>
<tr>
<td></td>
<td>Organum</td>
<td>Monodic conductus</td>
</tr>
<tr>
<td></td>
<td>Sequence</td>
<td>Polyphonic conductus</td>
</tr>
<tr>
<td></td>
<td>Trope</td>
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<td>Cantiga</td>
<td>Duple and Triple</td>
</tr>
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<td></td>
<td>Clausula</td>
<td>Ballata</td>
</tr>
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<td></td>
<td>Estampie</td>
<td>Caccia</td>
</tr>
<tr>
<td></td>
<td>Hoquetus (hocket)</td>
<td>Chace</td>
</tr>
<tr>
<td></td>
<td>Lauda</td>
<td>Isorhythmic motet</td>
</tr>
<tr>
<td></td>
<td>Minnelied (barform)</td>
<td>Madrigal</td>
</tr>
<tr>
<td></td>
<td>Motet</td>
<td>Rondellus</td>
</tr>
<tr>
<td></td>
<td>Polyphonic cantilena</td>
<td>Rota</td>
</tr>
<tr>
<td></td>
<td>Troubadour forms</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Canzo</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vers</td>
<td></td>
</tr>
<tr>
<td>Trouvère forms</td>
<td>Ballade</td>
<td></td>
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<tr>
<td></td>
<td>Chanson</td>
<td></td>
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<td></td>
<td>Lai</td>
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<td></td>
<td>Rondeau</td>
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<td>Rotrouenge</td>
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XVII


Forms and compositional procedures

table

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<tr>
<th>era</th>
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</tr>
<tr>
<td>harmonic basis</td>
<td>Triads</td>
<td>Duple and Triple</td>
</tr>
<tr>
<td>rhythmic basis</td>
<td>Duple and Triple</td>
<td>Tactus</td>
</tr>
<tr>
<td>forms</td>
<td>Ballet (dance forms)</td>
<td>Anthem</td>
</tr>
<tr>
<td></td>
<td>Chanson</td>
<td>Basso ostinato</td>
</tr>
<tr>
<td></td>
<td>Frottola</td>
<td>Canon</td>
</tr>
<tr>
<td></td>
<td>Imitative counterpoint</td>
<td>Canzonetta</td>
</tr>
<tr>
<td></td>
<td>Masses—types</td>
<td>Chorale</td>
</tr>
<tr>
<td></td>
<td>Free</td>
<td>Fantasia</td>
</tr>
<tr>
<td></td>
<td>Parody</td>
<td>Madrigal</td>
</tr>
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<td></td>
<td>Plainsong</td>
<td>Madrigal comedy</td>
</tr>
<tr>
<td></td>
<td>Tenor</td>
<td>Paired dances (proportz)</td>
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<td>Polyphonic laude</td>
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<th>Baroque</th>
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<td>1725-1775</td>
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<td>Diatonic Tonality</td>
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<td>harmonic basis</td>
<td>Triads</td>
<td>Major-Minor</td>
</tr>
<tr>
<td>rhythmic basis</td>
<td>Duple and Triple</td>
<td>Triads</td>
</tr>
<tr>
<td>forms</td>
<td>Aria</td>
<td>Glee</td>
</tr>
<tr>
<td></td>
<td>Cantata</td>
<td>Lied</td>
</tr>
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<td></td>
<td>Canzonetta</td>
<td>Opera</td>
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<td></td>
<td>Catch</td>
<td>Ballad opera</td>
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<td>Choral prelude</td>
<td>Opera buffa</td>
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<td>Concerto</td>
<td>Opera comique</td>
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<tr>
<td></td>
<td>Concerto grosso</td>
<td>Singspiel</td>
</tr>
<tr>
<td></td>
<td>Solo concerto</td>
<td>Sonata</td>
</tr>
<tr>
<td></td>
<td>Fugue</td>
<td>Symphony (early)</td>
</tr>
<tr>
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<td>Invention</td>
<td></td>
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<tr>
<td></td>
<td>Opera</td>
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<td></td>
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<tr>
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<td></td>
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<tr>
<td></td>
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<td>Passacaglia</td>
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XVIII
Forms and compositional procedures

**Classicism**

- **era**: 1750-1827
- **chronology**: 1750-1827
- **scale basis**: Diatonic Tonality
- **harmonic basis**: Triads
- **rhythmic basis**: Duple and Triple
- **forms**: Symmetrical Patterns
- **forms**: Concerto (Classical)
- **forms**: Divertimento
- **forms**: Rondo forms
- **forms**: Sonata-allegro
- **forms**: Sonata as a whole
- **forms**: Symphony (Classical)

**Romanticism**

- **era**: 1800-1900
- **chronology**: 1800-1900
- **scale basis**: Tonality (Increasing chromaticism)
- **harmonic basis**: Triad (seventh and ninth chords)
- **rhythmic basis**: Duple-Triple
- **forms**: Freer Rhythms
- **forms**: Addition of voices to symphony
- **forms**: Art song
- **forms**: Cyclic treatment
- **forms**: Etude
- **forms**: Free variation
- **forms**: Modern suite
- **forms**: Music drama (Leitmotif)
- **forms**: One-movement sonata
- **forms**: Program music (free form)
- **forms**: Symphonic poem

**Impressionism**

- **era**: 1880-1918
- **chronology**: 1880-1918
- **scale basis**: Tonality
- **harmonic basis**: Modality
- **harmonic basis**: Exotic Scales
- **rhythmic basis**: Triads, seventh, ninth, and eleventh chords, whole tone chords, free progression
- **forms**: Duple-Triple
- **forms**: Free Rhythmic Patterns
- **forms**: Avoidance of contrapuntal-imitative forms
- **forms**: Free forms
- **forms**: Modification of traditional forms

**Twentieth Century**

- **era**: 1900-
- **chronology**: 1900-
- **scale basis**: Tonal, Modal, Duodecuple, Schemata
- **harmonic basis**: Extended tonality, Free groupings, Modal, Polytonal, Quartal
- **harmonic basis**: “Emancipation of dissonance”
- **rhythmic basis**: New Meters, Additive Rhythm, Non-symmetrical Patterns, “Motivic” Movement
- **forms**: Modification of traditional features in fugue, sonata and variations
- **forms**: Neo-Classicism (neo-Baroque) revival of:
  - Canzona
  - Concerto grosso
  - Passacaglia
  - Ricercare
- **forms**: New cadence concepts
- **forms**: Non-melodic structures in:
  - Electronic music
  - Musique concrète
  - Percussion music
- **forms**: One-act opera
  - “Sonata” as a free instrumental form
- **forms**: Tendency towards non-conformity
- **forms**: Tone-row technique
Section 1

Units of structure
The figure, motive, and semi-phrase

The figure is the smallest unit of construction in music. Consisting of at least one characteristic rhythm and one characteristic interval, it may include as few as two tones or as many as twelve. Usually, however, the mind tends to subdivide the units beyond approximately eight tones. The following passage (from the first movement of Beethoven's Sonata, Op. 31, No. 3) may be considered a single unit; but particularly in this case because of the meter and moderate tempo, and because the third group of four notes is the contrary motion of the second group, there is a tendency to hear this as divided into three figures:

![Ex 1]

However, a group such as the following would be considered as a single figure:

![Ex 2]

The term motive is occasionally used as synonymous with figure; on the other hand, a distinction is sometimes made between the figure as an accompaniment or pattern unit (as in etudes or Baroque keyboard works) and the motive as a thematic particle. The objections to using motive instead of, or as synonymous with, figure are: (a) the motive as a thematic portion may consist of two or three figures,

Footnote: Section I is considered a prerequisite for proper understanding of analysis and style. In the event, however, one desires to approach the song forms (Section II) more quickly, the materials on units of structure may be presented to the class in summarized form.
and (b) the term “motive” is widely used to identify the brief subject of an invention. It will prove less confusing to use unequivocally the term “figure” for the smallest single unit. The term “motivic treatment” is validly used to describe the compositional procedure in which complete works (such as the invention or fugue) or sections (such as are found in the development or coda) are based on a thematic motive. As successive tones combine to form figures, so do successive figures form motives, successive motives, semi-phrases, and successive semi-phrases, phrases.

The following examples graphically illustrate the ways in which figures are generally used:

1. Repetition

EX 3
Mendelssohn, 
*Songs Without Words*, No. 45

EX 4
Prokofiev, 
*Concerto for Violin No. 2*, first movement

The first figure (a) is repeated with shifted rhythm, the second (b) with modifications.

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EX 5
Stravinsky, 
*Le Sacre du Printemps* (The Rite of Spring)

The rhythmic pattern is repeated, but not the melodic pattern.

2. Sequence

EX 6
Beethoven, 
*Symphony No. 6*, first movement

ex 5
ex 6
The figure, motive, and semi-phrase

3. Alternation

Allegro moderato

**Ex. 7**
Bruckner,
Symphony No. 7,
first movement

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4. Contrary Motion

Molto vivace

**Ex. 9**
Mozart,
Sonata No. 5,
K. 189

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The tones of the second semi-phrase are those of the first in reverse order.
Units of structure

6. Corresponding metric groupings
The figures begin on corresponding beats of successive measures.

EX 13
Beethoven, Sonata, Op. 2, No. 2, Scherzo

Allegretto

![Musical notation for Allegretto]

7. Interlocking (or overlapping)

EX 14
Chopin, Etude in C-sharp minor, Op. 10, No. 4

Presto

![Musical notation for Presto]

EX 15
Bach, Partita No. 3 for violin, Preludio

Allegro moderato

![Musical notation for Allegro moderato]

8. The figure group
This is a unit of three different figures which may be used in succession in one voice within a single phrase.

EX 16
Beethoven, Leonore Overture, No. 3

Allegro

![Musical notation for Allegro]

EX 17
Bartók, String Quartet No. 5, Scherzo

Alta bulgarese (dj. † = 46)

![Musical notation for Alta bulgarese]

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9. The multiple figure
Two or more figures are used simultaneously in different voices.
10. The imitative use of a figure
The figure appears successively in different voices.

11. The figure in Renaissance vocal music
In the sixteenth-century motet, sectional divisions correspond with divisions by text lines. Each section utilizes a characteristic figure which in turn appears in the various voices. This is illustrated in the Palestrina motet *Dies Sanctificatus* (AMF, No. 27).

12. The figure as a self-contained thematic unit
In homophonic music, the figure is most frequently one of a number of successive units which combine to form the semi-phrase and phrase. This is illustrated in the preceding musical examples, Nos. 3, 4, 5, and 6. In imitative polyphonic music the figure or motive is of essential thematic significance in itself. The subjects of Bach's *Two-Voice Inventions* Nos. 1, 3, 4, 7, 8, and 13 are typical of such thematic motives.

13. The figure in the etude or toccata
The use of the figure in forms based on the reiterative and successive use of a pattern is illustrated in the following works:
A minor, Op. 25, No. 4.
Kreutzer, *Violin Etude* in C major
Paganini, *Perpetual Motion* for violin
14. The motivic cell in twelve-tone music

Within a tone row or one of its modifications, an interval pattern is established which employs only the interval or intervals of the particular pattern. In the following example the pattern is minor second–minor third used in consistent alternation.

EX 21
Schönberg,
Four Orchestral Songs,
Op. 22, No. 1

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15. Permutation

The rearrangement of the original note or interval successions within a figure is called permutation. If the series 123456 represents the original order of tones of a six-note figure, 132456, 234651, etc. represent possible tone permutations. If the succession of intervals is 4th-3rd-2nd-5th-6th, a possible interval permutation is 3rd-2nd-5th-6th-4th. Included in the category of permutation is also octave displacement of one or more tones. Thus, in Bach’s Three-Voice Invention, No. 9, the original figure \( \begin{array}{c}
\text{3rd} \\
\text{2nd} \\
\text{5th} \\
\text{6th} \\
\text{4th}
\end{array} \) appears later as \( \begin{array}{c}
\text{2nd} \\
\text{3rd} \\
\text{5th} \\
\text{6th} \\
\text{4th}
\end{array} \). In twentieth-century works based on some constructive schema outside of the traditional tonal system, permutation is one of the principal means of development.

16. Accompaniment patterns

In accompaniment patterns, figures are particularly important in maintaining continuity, outlining the harmony, or bridging gaps resulting from the separation of phrases by longer notes and rests. The programmatic use of the accompaniment figure is illustrated in works such as Schubert’s Organ-Grinder or The Trout. In the multiple figure from Bach’s Cantata No. 28 (Ex. 18, page 7) this figure appears more than one hundred times in the aria accompaniment, suggesting the joy on the approach of the New Year — the subject of the text of the aria.

While it is true that figures often combine to form semi-phrases, it must not be assumed that all semi-phrases are therefore divisible into obvious figures used in succession or alternation. The following examples illustrate semi-phrases which are each single units rather
The figure, motive, and semi-phrase

than composite figures.

EX 22
Franck, Prelude
Allegro moderato e maestoso
semiphrase
semiphrase

EX 23
Chopin, Nocturne, Op. 15, No. 1
Andante cantabile
semiphrase
semiphrase

ASSIGNMENT

1. Locate and identify the type of figure treatment in the melodies of the following compositions:
   a. Anthology of Musical Forms, Nos. 5, 7b, 8, 9.
   b. Schumann, Album for the Young, Op. 68, Nos. 6, 11, 16.
   c. Mendelssohn, Songs Without Words, Nos. 20 and 35.
   e. A composition which you are currently studying.

2. Identify and analyze semi-phrases in these same compositions, indicating which are divisible into figures and which are not.
The cadence

The cadence is a point of repose marking the end of a phrase or section. It is a kind of punctuation, achieving its effect by the use of certain chord successions at a particular place in the structure, and it is often associated with a pause or a longer note at the cadence point. The word cadence is derived from the Latin cadere, “to fall,” since a feeling of caesura or rest is implicit in the sound of a lower note immediately following a higher one.

In tonal music the actuality of the cadence was based on three tacit assumptions:

1. The cadence group consisted of a formula involving essentially two, sometimes three, chords (V-I or I₆/V-I).
2. The cadence chord at the end of any phrase (the final chord of the cadence group) was a consonant triad, or sometimes a V₇.
3. The final chord of a composition was invariably either a major or minor triad.

The two-fold function of a cadence is to mark the end of one phrase or section and the beginning of another. When the beginning of a new phrase, section, or part is distinct and definite, the preceding cadence is often less emphatic. In such an instance, the traditional cadence harmonies may be altered; in addition, the cadence point is often bridged by a moving figure. The “repose” of the cadence thus exists as a theoretic function rather than as an actual fact.

In tonal (triadic) music the following are the principal cadences:

1. Authentic: V-I. In this type, the formula “V” represents any dominant formation (V₇, vii₇, etc.).

There are two categories:
   a. The perfect authentic cadence, in which the root is present in both outside voices of the tonic chord.
b. *The imperfect authentic cadence*, with either the third or fifth of I in the soprano, or with the third in the bass.

2. Plagal: IV-I.

3. Deceptive: V-VI, or V to any unexpected harmony.

4. Half: Usually the progression of any chord to V. However, in nineteenth- and twentieth-century (tonal) music, phrase endings on II, III, or IV are found, and these must also be considered as half-cadences. The progression in minor of IV (Ⅵ) V or II (Ⅳ) V is sometimes classified as a Phrygian cadence.

For purposes of reference, we will term the chords constituting the cadence unit as the *cadence group*, and the last chord of the group as the *cadence chord*. At that point in the structure where a particularly strong demarcation is desired, the movement in the melody or accompaniment may cease and the cadence chord may be of some length. In this case the rhythmic punctuation reinforces the harmonic punctuation, although in a short composition or single-movement work such instances are relatively infrequent. A work of any length in which such *caesuras* occur at the end of each phrase or sentence would soon become unbearable. In chorales or hymns, however, such phrase stops are purposeful.

In the harmonic practice of sixteenth-century music, the relationship of successive chords to each other rather than to a central tonic was most important. The tonic-subdominant-dominant (I-IV-V) relationships did not yet have the pre-eminent importance which these progressions were to assume in the following century. Root positions were more frequently used than inversions; successions of root position chords by ascending or descending seconds and thirds were often employed; in modal music the plagal progression was often used as a final cadence.

In the sixteenth century a final chord, regardless of the mode, was always major. The name given to a final major tonic at the end of a composition in minor is “Tierce de Picardie” or “Picardy Third.” This practice prevailed from the sixteenth well into the eighteenth century.
The problem of disguising or modifying the cadence in order to maintain continuity was recognized quite early. A section in Zarlino’s *Le Istitutioni harmoniche* (1558) is titled “Ways to Avoid the Cadence.” In contrapuntal vocal music the cadences are often disguised by an overlapping in one or more voices.

As will be seen in the following two examples of nineteenth-century instrumental music, the principal means of mitigating the effect of the cadence as a point of repose is to continue the rhythmic movement. This is most frequently accomplished in the accompaniment:

---

**Units of structure**

---

**EX 25**

Palestrina, *Alma redemptoris mater*

---

**EX 26**


---

**EX 27**

Chopin, *Nocturne*, Op. 9, No. 2
Occasionally the motion is continued in the uppermost or melody part:

**Ex 28**
Mendelssohn, *Songs Without Words*, No. 6

Other examples of this technique may be observed in Beethoven, *Sonata*, Op. 10, No. 3, second movement (meas. 5) and Tchaikovsky, *Symphony No. 6*, first movement (meas. 23).

While the cadence chord is "entitled" to the full number of beats in the cadence measure, it rarely uses all of these. Frequently, pick-up notes to the following phrase borrow time from the cadence measure. These may range in length from one note to almost a full measure:

**Ex 29**
Mozart, *Sonata No. 1* in C major, Andante

Normally, in tonal (triadic) music, the cadence chord appears as a consonant triad on the first beat of the final measure of the phrase. Exceptions to this usage may be found in the following categories:

1. *Shifted cadence*

This occurs when the cadence chord appears after the first beat of the cadence measure. If the cadence occurs on a weak beat of the measure it is called a feminine ending. This type of ending appears from about 1600, characterizing the early Baroque. It is also a typical feature of the phrase endings in the eighteenth-century polonaise and sarabande. Here is an interesting example from the nineteenth century:

**Ex 30**
Schumann, *Curious Story*, Op. 15, No. 2
2. Delayed cadence

Such a cadence occurs when one or more tones of the cadence chord are delayed by the presence of non-harmonic tones. These are generally suspensions or appoggiaturas. This particular type of music was much favored in the eighteenth-century “style galant,” an outgrowth of the almost compulsory use of the appoggiatura during that period.

An example of this type of cadence as found in “galant” music is illustrated in the following excerpt from the first movement of the Sonata in A major by Paradies (1710-1792):

Ex 31

This type of cadence is by no means limited to the eighteenth century. The following example shows early nineteenth-century usage:

Ex 32

Kuhlau, Sonatina, Op. 20, No. 1, last movement

Also, see the cadences in the second movement of Beethoven’s Sonata, Op. 2, No. 1 in the Anthology of Musical Forms.

3. Elided cadence

An elided cadence occurs when a new phrase begins simultaneously with or before the cadence chord of the first phrase. Sometimes this cadence is also achieved by overlapping.

Ex 33

Mendelssohn, Songs Without Words, No. 14
4. Extended cadence

An extended cadence occurs when the harmony of the cadence chord is continued one or more measures beyond the cadence measure by means of:

a. Arpeggiation

b. Prolongation

c. Chordal treatment (the repetition of the cadence chord harmony)

In the Beethoven Symphony No. 8 in F major, the last thirteen measures consist of the reiteration of only the tonic (F major) chord. Examples may also be found in the final measures of the last movements of Beethoven’s Symphonies Nos. 1, 3, and 5.

The extended cadence most often occurs at the end of an introduction, part, or composition rather than in the middle of a part. It must be emphasized that arpeggiation, prolongation, or chordal reiteration within the cadence measure does not constitute an extension. The usual length of the extended cadence is from one to four measures. (The repetition of the entire cadence group is discussed under phrase extension.)
5. Implied cadence

An implied cadence results when the progression unmistakably implies a particular harmony but the root is absent from the cadence chord.

6. Evaded cadence

An evasion of the cadence takes place when an additional one or more measures follow what would otherwise have been a cadential progression. The cadence following the evasion is often in another key.

From the Chopin example you should identify not only cadential evasion but also an elided cadence.

Cadences in twentieth-century music

The three tacit assumptions of tonal (triadic) music, stated at the beginning of this chapter, are evident in relatively few twentieth-century cadences. The following are the principal categories of departures from or modifications of the traditional tonal cadence. In most instances, the penultimate harmony is optional or irrelevant.
1. The modified final tonic.
   In this type, notes are added to the tonic without, however, destroying its character.

   Ex. 40
   Stravinsky, *Symphony in Three Movements*


2. The modified or substitute dominant in the penultimate chord.

   Ex. 42
   Bartók, *Concerto for Orchestra*, first movement

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3. The use of a consonant or relatively consonant cadence chord.
   This occurs when a complex series of harmonies is concluded by a less dissonant chord group.
4. The modal cadence.

This cadence is one in which the triadic chord groupings derive from a mode rather than from a tonality.

5. Cadences in fourth-chord (quartal) music.

The cadence chord is constructed in fourths or in fourths plus thirds.

6. The use of the escaped chord or unresolved dissonance as a final chord.
It is noteworthy that in both the Bloch and Casella examples the dissonant notes are one degree above or below a triadic chord tone.

7. The cadence in atonal tone-row music.

The vertical groupings are essentially arbitrary, since chord connections are not related either to each other or to a central tonic as are triads in tonal music.

8. Bitonal cadence.

This cadence represents a combination of two tonalities, two modalities, or a tonality and a modality.
9. Evasion of the cadence.

In order to assure continuity, the previously normal tendency to disguise the cadence is carried to an extreme. Wagner's so-called "endless melody" and his avoidance of cadences in lengthy orchestral passages presaged this trend. Scriabin's *Fifth Piano Sonata* (1908) is a work without a single authentic cadence in its course. (See also *Anthology of Musical Forms*, No. 28c.)

10. Cadences evolved from exotic or synthetic scales.

In this category are the cadences found in passages based on the whole-tone scale, or those found in Scriabin’s works based on various synthetic scales (*Poème*, Op. 44, No. 2, *Prelude*, Op. 51, No. 2.) The harmonic and melodic basis of Scriabin’s *Prometheus* is the chord:

Among other synthetic patterns found in twentieth-century music are the “modes” of Messiaen and those suggested by Slonimsky in his *Thesaurus of Scales.*

11. Rhythmic or percussive cadence.

In this type of cadence the *caesura* results not from harmonic relationships but from a rhythmic pattern. This is present most obviously in works for percussion groups, but is also found in compositions using melody instruments. Examples can be found in Stravin-
sky's *Petrouchka*, p. 40 of score (Kalmus) and the orchestra score of *Sensemayá* by Revueltas (G. Schirmer).

**Assignment**

1. Identify and analyze the cadences in:
   b. Mendelssohn's *Songs Without Words*, Nos. 27 and 40.
   c. The first movement of *Sonata* for violin and piano by César Franck.

2. Find and bring to class for discussion at least four types of twentieth-century cadences.
The phrase

The term phrase is one of the most ambiguous in music. Besides the fact that it may validly be used for units of from two to eight measures (sometimes even more) in length, it is often incorrectly used for subdivisions or multiples of single phrases. Richard Strauss, describing his method of composing, writes "... a motif or a melodic phrase of two to four bars occurs to me immediately. I put this down on paper and then expand it straightaway into a phrase of eight, sixteen or thirty-two bars. . ."1

Despite the ambiguity of the term, it is possible to establish a norm based on the following:

1. The conventional phrase is generally a four-measure unit. Exceptionally it may be shorter or longer.2
2. The phrase is the shortest unit terminated by a cadence.
3. It is generally associated with one or more other phrases.
4. It is the structural basis of the homophonic forms and is also utilized in certain polyphonic structures.

We may summarize the above with this definition: The phrase is a unit, conventionally four measures in length, which is terminated by a cadence. It is the structural basis particularly of the homophonic forms.

The phrase as a four-measure unit

Most hymns and folk songs will provide examples of four-measure phrases. That the four-measure phrase is actually a norm in Western music is indicated by the presence of this structural unit in early Ambrosian hymns, troubadour and minnesinger songs, various types of European dances, and the greater portion of European music

2 For the acoustic-psychological basis of phrase structure, see p. 227.
composed since 1600. Two-, three-, five-, six-, seven-, and eight-measure phrases may be found in the music of all periods, but these are far less frequent than are four-measure units.

Meter and tempo are often determinants of the number of measures included in a phrase. The following example can be a four-measure phrase in 6/8, a two-measure phrase in 12/8, or an eight-measure phrase in 3/8:

While the phrase is a single unit, it is often composed of semi-phrases; these semi-phrases may be subdivided into figures. The examples illustrate: (a) a phrase as a single undivided unit (Ex. 52), (b) a phrase divided into two semi-phrases, each subdivided into figures (Ex. 53).

The phrase as the shortest unit terminated by a cadence

Neither the figure, figure group, or first semi-phrase comes to a cadence. A phrase which is symmetrically divided into two equal halves may often seem to be punctuated by a cadence at its midpoint, but this is a cadential inflection rather than a real cadence.
Units of structure

Sehr lebhaft
semiphase

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The phrase as a component of a larger pattern
While the phrase may be thought of as a segment of some independence, it is usually associated with one or more other phrases as an integral part of a larger structure. The larger structure may be:

1. A sentence (or period) of two phrases

2. A group of three or more phrases
   Anthology of Musical Forms, No. 9a (Mendelssohn, Songs Without Words, No. 34, meas. 30-33, 34-37, 38-41); No. 15 (Beethoven, Sonata, Op. 2, No. 3, last movement, meas. 143-146, 147-150, 151-154, 155-167).

3. A double period consisting of four phrases
   Anthology of Musical Forms, No. 3 (Chopin, Prelude in A major).

The phrase as an independent unit
The phrase may appear as a self-sufficient unit, complete in itself and not associated with a succeeding or preceding phrase as part of a sentence or phrase group. This may happen when a phrase is used as:

1. An independent introduction
   Anthology of Musical Forms, No. 5, Mendelssohn, Songs Without Words, Nos. 3, 4, 35, Debussy, Reflections in the Water

2. A postlude
   Mendelssohn, Songs Without Words, No. 4 (last five measures)
   MacDowell, Scotch Poem, Op. 31, No. 2 (last seven measures)
3. *A coda or codetta*

*Anthology of Musical Forms*, No. 25a (Bach, *French Suite* in E major, Allemande, last four measures)
Debussy, *Reverie* for piano (meas. 92-95, repeated and extended in meas. 96-101)

4. *A part of a song form or a theme in itself*

*Anthology of Musical Forms*, No. 12a (Mozart, *Serenade* for string orchestra, Minuet, meas. 25-28); No. 19 (Beethoven, *Sonata*, Op. 31, No. 3, first movement, meas. 1-8)

5. *An interlude*

Mendelssohn, *Songs Without Words*, No. 23, meas. 16-19

6. *A transition or retransition*


*The phrase as the structural basis of the homophonic forms*

Most compositions with a predominant top-line melody may be divided into phrases. In addition, some polyphonic forms, particularly those found in the Baroque dance suites, are constructed of phrases. Such movements as gavottes, bourrées, and minuets, which tend to have a predominant top-line melody, will more obviously be constructed of phrases. An example of a polyphonic texture characterized by the use of a continuously running pattern which, nevertheless, has a phrase structure, is the “Allemande” of Bach’s *French Suite* in E major. The twenty-eight measures of this movement are clearly divisible into seven four-measure phrases. (*Anthology of Musical Forms*, No. 25a.)

In general, however, most vocal polyphonic forms and practically all imitative forms, both instrumental and vocal, are divided into sections rather than phrases or sentences.

*Repetition of the phrase*

The term “repetition of a phrase” applies to an immediate recurrence. Exceptionally, a brief interlude may come between a phrase and its repetition. From the viewpoint of structure, a repeated phrase is still a single unit; it does not become a two-phrase sentence.

A phrase may be repeated:
1. **Indentically**
   Schumann, *Album Blätter*, Op. 124, first eight measures of Nos. 2, 7, 9, and 15
   Bartók, first eight measures of Scherzo from *Suite No. 1* for orchestra

2. **With embellishment**
   Chopin, *Mazurka*, Op. 6, No. 2, first eight measures

3. **With change of harmony**
   Beethoven, *String Quartet*, Op. 18, No. 6, first movement, meas. 45-52

4. **With change of style of accompaniment**
   *Anthology of Musical Forms*, No. 9 (Mendelssohn, *Songs Without Words*, No. 34, meas. 73-80)
   Beethoven, *Sonata*, Op. 54, first movement, meas. 70-77 and 106-113

5. **With change of register**
   Beethoven, *Bagatelle*, Op. 33, No. 6, meas. 1-8

6. **With change of color**
   Tchaikovsky, *Symphony No. 6*, first movement, meas. 336-343

   Usually only one repetition of a phrase occurs. Exceptional instances of a phrase and two immediate repetitions are found in the Finale of Beethoven's *Sonata* for piano, Op. 81a, measures 11-29 (a seven-measure phrase with elided cadences), and in the last three phrases of Schumann's *Warum?*. In the latter instance the programmatic reason — the reiteration of a question — is ostensibly the cause of the three-fold phrase repetition. The first phrase of the subordinate theme of Beethoven's *Symphony No. 5*, first movement, is heard four times in succession in measures 307-322.

   **Some problems in phrase analysis**
   In performance, the term "phrasing" does not apply specifically to phrase division but to interpretative inflection. "Phrasing marks" may, but do not necessarily, coincide with the actual phrase or figure divisions within a work.
In the course of analysis, phrases may be encountered which, either inherently or by reason of modification, are more or less than four measures in length. In confusing instances, analysis is facilitated by observing beginnings and endings of phrases. Remembering the simple fact that the end of one phrase implies the beginning of another (and vice versa) will prove surprisingly helpful in such instances.

It must not be assumed that if a given phrase length (two, three, four, five, six, seven, or eight measures) has been established at the beginning of a composition all the other phrases will necessarily be of the same length. For example, the *St. Anthony Chorale* theme used by Brahms for his *Variations*, Op. 56, contains five-measure and four-measure phrases, and Mendelssohn's *Songs Without Words*, No. 40 has both four-measure and three-measure phrases.

In types of twentieth-century music where a linear melody is not obviously present, changes in density, texture, and register become important determinants in phrase analysis.

**Assignment**

1. Identify phrases in *Anthology of Musical Forms*, No. 5; No. 7a; No. 10b; No. 17a (meas. 1-31).
2. Identify the phrases in *Adeste Fideles* and *The Star-Spangled Banner*.
3. Identify the phrases in works selected from the following group:
   a. *Songs Without Words* by Mendelssohn, Nos. 22, 27, and 35.
   c. *Album for the Young* by Robert Schumann, Op. 68, Nos. 1, 2, 5, 6, 8, and 9.
4. Identify the phrases in a composition which you are currently studying.
Irregular phrases

A
ccepting the four-measure unit as a norm, we define an *irregular phrase* as one which is more or less than four measures in length. There are two basic categories:

1. Phrases which are inherently irregular.
2. Phrases which are irregular by reason of extension or, more rarely, by contraction.

Inherently irregular phrases may be from two to eight measures in length. A single long measure may seem at first to have all the necessary components of a phrase, but further analysis indicates that in reality it probably consists of two, three, or four implied measures, the bar lines of which have been omitted. Thus, the following example, written as a single measure, is a three-measure phrase. While the intervening bar lines are omitted, most probably to avoid measure accents, the melodic groupings clearly imply a three-measure division — 4/4, 3/4, 4/4.

In a tempo ranging from presto to allegretto, and with metric units of two, three, four, or six beats to a measure, eight measures is the maximum length of an inherently irregular phrase. In phrases consisting of more than eight measures, various types of extensions account for the elongation.

The following are illustrations of inherently irregular phrases from two to eight measures in length:
Two-measure phrase

**Ex 58**
Dvořák, *Symphony No. 5*, second movement

Three-measure phrase

**Ex 59**
Mozart, *Symphony No. 40*, Menuetto

Ritmo di tre battute*

**Ex 60**
Beethoven, *Symphony No. 9*, Scherzo

*Rhythm of three measures.

Five-measure phrase

**Ex 61**
St. Anthony Chorale

Six-measure phrase

**Ex 62**
Carey, *America*
Units of structure

It will be noted that in two-measure phrases the tempo is slow, whereas in eight-measure phrases the tempo is rapid.

Though inherently irregular phrases are by no means unusual, most phrases of more than four measures in length are so because of extensions.

Extensions at the beginning of the phrase

While extensions are ordinarily considered as occurring after a melody has begun, we must remember that to extend means "to stretch out in various directions." An extension at the beginning is
Irregular phrases

one which occurs before the phrase proper has begun but is part of the phrase rather than independent of it. There are two types of such extensions:

1. Anticipation of the melody.

In this category, a fragment of the melody, usually the first part, is used in an introductory manner.

\[\text{Ex 67} \quad \text{Allegro molto}\]

\[\text{Haydn, Symphony in G major ("Surprise"), Menuetto}\]

A characteristic trait in the orchestral melodies of Sibelius is the prolongation of the first note of the melody.

\[\text{Ex 68} \quad \text{Allegro, molto vivace}\]

\[\text{Sibelius, Symphony No. 4, second movement}\]

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2. Establishment of the accompaniment pattern for one or two measures before the phrase melody occurs. This is identical with what is termed a simple introduction. (See Chapter VII.)

\[\text{Ex 69} \quad \text{Largo}\]

\[\text{Strauss, Oboe Death and Transfiguration}\]

Anthology of Musical Forms, No. 7a

See also the beginning of Debussy’s Révérie in F for piano; Bartók, Mikrokosmos, Vol. IV, Nos. 97, 113

Extensions within the phrase

These types occur within the phrase before a cadence is established.
Units of structure

1. Repetition, exact or modified, of a measure.

2. Repetition, exact or modified, of a figure which may be more or less than a measure in length.

3. Sequence, exact or modified, of a single measure.
   Anthology of Musical Forms, No. 9, meas. 15-21

4. Sequence, exact or modified, of a figure which may be more or less than one measure in length.

5. Prolongation of a tone (or chord).

6. Rhythmic expansion of a figure. This type differs from No. 5 above in that two or more notes are lengthened rather than a single note.
Extension at the end of the phrase
It is sometimes difficult to differentiate between extensions at the end and those within a phrase. It will prove helpful to remember that in most instances the extensions at the end occur after the actual or expected cadence. Since every extension at the end is terminated by a cadence, it may seem that where the extension occurs after the actual cadence there may be two cadences to the phrase. This, of course, is impossible since each phrase has only one cadence. The cadence may be repeated as in categories 1 and 4 below, or the expected cadence is evaded by the addition of the extension, as in category 7 below. Following are the principal types of extensions at the ends of phrases:

1. Repetition of the last half of the phrase.

2. Sequence of the last half of the phrase.

3. Repetition of the last member.

4. Repetition of the cadence group.
   This type includes two varieties:
   a. Repetition of the cadence harmonies of the last two measures, without repeating the melody.
Units of structure

Adagio cantabile

Ex 78

Beethoven, Sonata, Op. 13, second movement

b. Repetition of the cadence group involving two harmonies, usually V-I, on successive beats or in successive measures.

Allegro di molto

Ex 79

Haydn, Symphony in G major, ("Surprise"), last movement

5. Sequence of the last member.

Vivace phrase

Ex 80

Grieg, Dance-Caprice, Op. 28, No. 3

6. The extended cadence. (See Chapter II.)

7. Addition of a new cadence member. This is usually a two-measure unit which occurs after the expected phrase ending and which modulates to a new key.

Allegro non troppo phrase

Ex 81

Franck, Symphony in D minor, first movement
Irregular phrases

Any combination of the above types of extensions — at the beginning, within, or at the end — may occur within the same phrase. If the extensions add four or more measures to the original phrase, the term chain-phrase may be used to designate this type of extended phrase.


The use of the sequence is one of the principal Wagnerian methods of extension and development in both the homophonic and motivic-polyphonic portions of his music.

Although most modifications of phrases involve extensions, exceptionally a contraction results in an irregular phrase.

The expected rhythm at the end of phrase two would be:

It should be pointed out that every instance of repetition within a phrase does not necessarily imply an extension. For example, in a regular four-measure phrase, it is possible for measure two to be a repetition of measure one. Nevertheless, we think of this as a unit of essentially four measures rather than of three measures with a one-measure extension.
Similarly, note the following four-measure phrase. Although measures three and four are an exact repetition of measures one and two, we think of this as a phrase of four essential measures rather than as a two-measure phrase repeated.

**EX 84**
Schumann, *Sicilienne*, Op. 68, No. 11

![Excerpt from Schumann's Sicilienne, Op. 68, No. 11](image)

**Assignment**

1. Identify the following as either inherently irregular or as modified regular phrases. In the latter case, specify as to whether the modification occurs at the beginning, within, or at the end, and indicate which type is utilized:
   - *Anthology of Musical Forms*, No. 4a, meas. 1-6; No. 5, meas. 30-34; No. 7a, meas. 33-39; No. 7b, meas. 33-38; No. 8, meas. 9-14; No. 11, meas. 19-24; No. 12b, meas. 37-60.

2. Find examples of irregular phrases in compositions which you are currently studying.
The period or sentence form

The period or sentence form is associated most closely with music of the tonal era (1600-1900), although it is found in music both before and after this time. In tonal music, the theme is the structural basis of the homophonic forms, both large and small. In contrast, the motive (which may be as brief as a half-measure) and the subject (which is often a phrase in length) represent the structural basis of the contrapuntal imitative forms such as the invention, fugue, or motet. The theme, as a homophonic unit, is usually composed of one or more periods, and in music from about 1600 to 1900 is based on progressions implicit in tonal harmony. In instrumental music before the tonal era, the homophonic theme in sentence form is frequently found in dances; in vocal music in general, the period is found in those sections in which the symmetry of the text allows or necessitates sentence structure.

The period or sentence form consists of two phrases, the first of which is called the antecedent; the second, the consequent. The antecedent phrase is interrogative in character and is generally terminated by a non-final cadence; in tonal music, this is usually a half-cadence. The consequent phrase is responsive in character and, with few exceptions, is terminated by a cadence more conclusive than that at the end of the antecedent. In tonal and modal music the cadence at the end of the consequent phrase is most often authentic. These characteristics are indicated in the following diagram and examples:

Period or Sentence Form

- Antecedent Phrase
- Consequent Phrase
- Half Cadence
- Authentic Cadence
Exceptions to the usual cadence relationships in the period form are found in the following three categories:

1. Occasionally, the antecedent phrase may end in an authentic cadence. In such an instance, the consequent phrase will usually modulate to a new key and may end in either an authentic or a half-cadence.

2. When the second part of a three-part song form is a period (see Chapter IX), the consequent phrase may end in a half-cadence rather than in an authentic cadence. This is particularly true when there is no transition from Part II to Part III. See Mendelssohn's Songs Without Words, No. 27, end of part II, meas. 29, half-cadence in E minor, and No. 35, end of part II, meas. 23, half-cadence in B minor.
3. When the period is the first half of a double period, its second phrase (the consequent) will usually end in a half-cadence (see Chapter VI).

Periods are identified as either *parallel* or *contrasting*, depending primarily on the melodic relationships of the antecedent and consequent phrases. A parallel period is one in which the melodic line in the second phrase is similar to the melodic line in the first. The similarity is usually in the beginning of the respective phrases, unlike rhymes in poetry, which occur at the end of successive or alternate lines.

In designating phrases, the letters A, B, C, etc. are used in the following manner:

Each letter, whether the same or different, represents a phrase unit. If four successive contrasting phrases are used, the letters would be A B C D. If four similar, but not identical, phrases occur in succession, the letters A A’ A” A”’ are used. If two identical phrases follow one another, the designation is A A B B, etc. If a phrase returns identically after one or more intervening phrases, it uses the same letter which had designated it at first. Thus, the four phrases in *Drink to Me Only with Thine Eyes* would be A A B A.

*The parallel period*

In a parallel period, at least the first measure of the consequent is similar to the first measure of the antecedent; at most, the whole of the consequent may resemble the antecedent — up to but not including the cadence. Should a whole phrase be literally repeated with
Units of structure

the same cadence, the structure is a repeated phrase and not a period form.

In the following illustrations the antecedent and consequent are identical up to the cadence:

![Musical notation of Beethoven's Symphony No. 9, last movement](image1)

![Musical notation of Griffes' The Pleasure Dome of Kubla Khan](image2)

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In a parallel period, the consequent phrase may resemble or derive from the antecedent in one of the four following ways:

1. **By identity**

This is illustrated in the two preceding examples, in which three measures of the antecedent and consequent are identical. In the following example only the first measures of the antecedent and consequent are identical.

![Musical notation of Verdi's Aida, Finale of Act II](image3)

The parallelism of the first eight measures of the following melodies is also in this category: *Pop, Goes the Weasel*, Stephen Foster's *Old Folks at Home*, and the spiritual *Steal Away*. 
2. By transposition

Andante tranquillo

Ex. 93
d'Indy, Song of the Heath from Op. 15

antecedent

consequent

sequence of a

3. By embellishment

Andante cantabile

Ex. 94
Mozart, Symphony No. 41 in C major ("Jupiter"), second movement

antecedent

consequent

a embellished

4. By contour similarity

The melody of the consequent is a somewhat modified sequence or a modified repetition of the antecedent. The outline of the first phrase is freely followed in the construction of the second.

Adagio

Ex. 95
Mendelssohn, Songs Without Words, No. 22

antecedent

consequent

Ex. 96
Prokofiev, Concerto for Violin No. 2, first movement

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Units of structure

The contrasting period

If the direction of the melodic line in the consequent phrase differs from the direction of the melodic line in the antecedent phrase, the period is said to be in contrasting construction. The rhythm in both phrases may be similar or even identical, but if the melodic direction is different in each phrase, the period is nevertheless identified as being contrasting.

EX 97
Bach, Suite in B minor, Menuet

The melody of the consequent phrase may be the contrary motion, approximate or exact, of the antecedent melody.

Un poco allegretto e grazioso

EX 98
Brahms, Symphony No. 1, third movement

Tempo di marcia

EX 99

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While the term "opposite construction" is sometimes used to describe this pattern, it is preferable to consider it a specific type of contrasting period.

**Exceptional types**

1. **Modified parallelism**

Parallelism in the period form is established by similarity in at least the beginnings of successive phrases. An ambiguous relationship results when the *beginning* of the second phrase resembles the *end* of the first.

Since the beginnings of the respective phrases of the Mozart example are not alike, this might be called a contrasting period, but since measures five and six so closely resemble three and four, there are undeniable parallel factors. The question might be raised as to whether measures five and six, as a sequence of three and four, are not really extensions within an eight-measure phrase. In this particular instance, however, the consistently symmetrical four-measure divisions found in the movement, the moderate tempo, and the strong half-cadence in measure four all tend to corroborate the conclusion that the eight measures include two phrases rather than one.

Because the melodic similarity of the phrases involves the end of the first and the beginning of the second, rather than the beginning of each, this variety of sentence form may be called a modified parallel period. (See *AMF*, No. 17b, meas. 1-8.)
2. The three-part period

The three-part period is the smallest ternary pattern, each part consisting of but a single phrase. It does not occur nearly as frequently as does the usual period form of two phrases. Schumann was particularly fond of this pattern.

EX 101
Schumann, Slumber Song, Op. 124, No. 16

Within this pattern the following repetitions are often found:

\[ \text{||: A :||: B A :||} \]

or

\[ \text{A ||: B A :||} \]

3. Parallelism of non-melodic units

In music which is essentially melodic in character, similar rhythmic elements in the two phrases of a period do not in themselves make for parallelism. However, in music which is essentially percussive or motoric in character, where a melodic line is either non-existent or insignificant, it is possible to establish a category of parallelism based on rhythmic relations alone:

EX 102
Beethoven, Symphony No. 5, first movement
The dynamics of period structure involve melodic, harmonic, and temporal relationships. The important aspects of melodic relationships are those involved in the parallelism or contrast of antecedent and consequent phrases. Harmonic relationships are involved in the cadences. Besides rhythm, temporal factors involve duration. The function of duration is most obviously manifest in the sensed rather than consciously perceived time span of successive phrase units. Its importance as a constructive factor within the phrase as well as in the relationship between phrases is evidenced in the preceding excerpt from the Beethoven *Fifth Symphony* and in the following example:

![Ex 103](image)

The rests in the above example are not actually *caesuras* but, on the contrary, are active (though silent) pulses. The rests, particularly in the second and fourth measures, are parts of the structural scaffolding of the phrase. While it is true that the literally pulsing quality of this period stems from a specific feature of Beethoven's genius—his dynamism—it is also true that this illustrates in a dramatic fashion a universal principle of construction.

**Assignment**

1. Analyze the following examples, indicating cadences and those types of relationships which have been discussed up to this point:
   a. *Anthology of Musical Forms*, No. 5, meas. 11-17; No. 7, meas. 1-8; No. 8, meas. 1-8; No. 9, meas. 3-10; No. 14, meas. 1-8; No. 17, meas. 1-8.
   b. Mendelssohn, *Songs Without Words*, No. 9, meas. 4-7; No. 14, meas. 1-8; No. 18, meas. 1-9; No. 27, meas. 5-12; No. 29, meas. 4-12; No. 34, meas. 3-10; No. 48, meas. 1-8.
Units of structure


2. Find three examples of parallel and three examples of contrasting periods. These are to be played for the class to identify.
Enlargements and combinations of period forms

Enlargements or expansions of the period form include extensions of phrases, as well as repetition of phrases and the period as a whole. Immediately beyond the period form in size, the structural units include the double period, phrase group, and period group.

Extensions of phrases

Within the phrases of the period form, all the types of extensions which were considered in Chapter IV may be found. However, certain of these are associated more specifically with the antecedent or consequent phrase.

The extension at the beginning of the phrase is applied more frequently to the antecedent. Most often this is in the nature of a brief, simple introduction.

*Anthology of Musical Forms*, No. 5 (meas. 1-2); No. 7a (meas. 1)

More frequently involving the consequent phrase are:

1. Extensions at the end of the phrase
   *Anthology of Musical Forms*, No. 5 (meas. 11-17); No. 7a (meas. 34-39); No. 14 (meas. 85-93)

2. Extensions within the phrase
   *Anthology of Musical Forms*, No. 5 (meas. 30-34); No. 9 (meas. 15-21); No. 13 (meas. 13-17)

Repetition of the antecedent phrase
Contrasting Period

Allegretto

antecedent

EX 104
Shostakovich,
Three Fantastic Dances, Op. 1, Dance No. III

antecedent repeated

consequent

See also Beethoven, String Quartet, Op. 18, No. 3, third movement, meas. 63-74.

Repetition of the antecedent phrase by itself is comparatively rare. Most often, when the antecedent is repeated it occurs in conjunction with the repetition of the consequent within the same period.

Repetition of the consequent phrase

This type of repetition is most frequent within the period form. Where the repeated antecedent tends to be quite literal, the repeated consequent is more apt to be characterized by some modification—sometimes quite marked.

Anthology of Musical Forms, No. 9b (meas. 1-12); No. 10b (meas. 34-45)

Mendelssohn, Songs Without Words, No. 14 (meas. 25-36)
Repetition of antecedent and consequent

\[ \text{ant.} \quad \text{ant.} \quad \text{cons.} \quad \text{cons.} \]

This pattern, \( A (A) B (B) \), which occurs infrequently, must not be confused with the type of double period in which the phrases are in the relationship of \( A A' B B' \), which occurs very often.

\[ \text{Example 105} \]

\[ \text{Khachaturian,} \]

\[ \text{Violin Concerto} \]

\[ \text{Andante sostenuto} \]

\[ \text{antecedent} \]

\[ \text{repeated antecedent} \]

\[ \text{consequent} \]

\[ \text{repeated consequent (modified)} \]

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\[ \text{Anthology of Musical Forms, No. 18a (meas. 21-37)} \]

Repetition of the period as a whole

\[ \text{ant.} \quad \text{cons.} \quad \text{ant.} \quad \text{cons.} \]

Repetition of the entire period occurs frequently in both vocal and instrumental music.

\[ \text{Anthology of Musical Forms, No. 12a (meas. 1-8, double bar repeat)}; \text{No. 9b (meas. 1-24)}; \text{No. 14 (meas. 94-104)}; \text{No. 15 (meas. 181-196)} \]

Bartók, \textit{Mikrokosmos}, Vol. II, No. 78, in which the whole composition is a three-fold repetition of a single period.

The various types of period repetitions are similar to those of phrase repetitions (see Chapter III). Of these, one in particular has an important function in ensemble and orchestral works, and occurs more often than the corresponding type of phrase repetition—repetition with change of color. Two successive presentations of the same period or double period is a frequently-used device in Classical and Romantic orchestra works. In the works of nineteenth- and twentieth-century Russian composers, where the picturesque often substitutes for the organic and where change of color takes the place
of motivic or thematic development, three or four successive presentations of the same sentence are not uncommon. The following examples illustrate period or double period repetitions in various styles:

Haydn, Symphony in G major (“Surprise”), Finale (meas. 1-16)
Mozart, Symphony No. 39 in E-flat, Finale (meas. 1-16)
Beethoven, Sonata for violin and piano, Op. 24, first movement (meas. 1-16), last movement (meas. 1-16)
Tchaikovsky, Nutcracker Suite, “Trepak” (meas. 1-32), three repetitions
Bizet, “Habanera” from Carmen. Part I is a parallel period occurring three times in succession.
Rimsky-Korsakov, Scheherazade, Part II, “The Story of the Kalandar Prince” (meas. 5-25). An enlarged period presented successively in the bassoon, oboe, and first violins.

The phrase group
The phrase group is a unit of three or more phrases which are not so related as to constitute a period form or one of its enlargements. There are four categories:

1. A A' A", etc. The successive phrases are similar but not identical. Anthology of Musical Forms, No. 15 (meas. 143-167); No. 18a (meas. 50-61)
2. A B C, etc. The successive phrases are dissimilar. In this type, the accompaniment is often an important unifying factor. Anthology of Musical Forms, No. 9a (meas. 30-41); No. 7a (meas. 2-13); No. 17b (meas. 72-83); No. 18b (meas. 9-20)
3. A A' B. The first and second phrases are somewhat similar but the likeness is not of the kind and degree which would justify considering it a repeated antecedent.
Mendelssohn, *Songs Without Words*, No. 23 (meas. 20-31)

4. $A B B'$. Here also the similarity of the second and third phrases and their relation to phrase one are not such as to justify considering these as two versions of a consequent.

Measures 65-80 of Mendelssohn's *Songs Without Words*, No. 34, represent a four-unit phrase group, the fourth phrase of which is a repetition of the third. In No. 16 of the same collection, a three-unit phrase group (meas. 4-9), consisting of two-measure phrases, is repeated in measures 10-15.

**The double period**

The double period is a unit of four phrases in coherent succession, generally with a half-cadence at the end of the second phrase and an authentic cadence at the end of the fourth phrase. The relationship of double period to period is analogous to that of period to phrase or of phrase to semi-phrase. In each case, the numerical proportion is 2:1, the larger unit being composed of two of the smaller components. The melodic and harmonic relationships are also analogous.

If the first and third phrases are identical or similar, the unit is called a *parallel double period*; if the first and third are dissimilar, the unit is termed a *contrasting double period*. The parallel double period occurs much more frequently than does the contrasting one.

Using letters to designate the phrases, here are some possible types of parallel double periods:

- $A A' A A''$
- $A A' A B$
- $A B A B'$
- $A B A C$

*Anthology of Musical Forms*, No. 3 — $A B A B'$: No. 15 (meas. 103-118)—$A B A B'$
Units of structure

These are types of contrasting double periods:

- A A' B B'
- A A' B C
- A B C C'
- A B C D

*Anthology of Musical Forms*, No. 5 (meas. 18-34)—A B C C'; No. 7a (meas. 14-29)—A A' B C; No. 11 (meas. 7-24)—A A' B C; No. 17b (meas. 118-134)—A B C D

An unusual type of double period is sometimes used by Bach—A B C B'.

---

It will be noted that phrase four (meas. 29-32) is a transposition of phrase two (meas. 21-24). This may be considered a type of modified parallelism.

Extensions of the double period

Extensions of phrases within the double period may occur as outlined in Chapter III and in this chapter.

Repetition of the last phrase will be found in the following examples:

Mendelssohn, *Songs Without Words*, No. 30 (meas. 50-71) —
A B A (extended) C (C)
Beethoven, *Sonata*, Op. 2, No. 1, first movement (meas. 21-41) —A A' B C (C)

Repetitions of either or of each period may occur, although it is rare within a double period to find only the first period repeated. Both the first and second periods may be repeated (Chopin, *Mazurka*, No. 29, meas. 1-32), or there may be a repetition of the second period only (Beethoven, *Sonata*, Op. 31, No. 2, Finale, meas. 1-31).

It is also possible to have a repetition of the entire double period (Chopin, *Mazurka*, No. 13, meas. 5-36).

The period group

Just as three or more phrases may combine to form a phrase group, so may three or more periods combine to form a period group (Mendelssohn, *Songs Without Words*, No. 32, meas. 16-28). Such combinations which form period groups occur infrequently and usually where two-measure phrases are used.

Up to this point, all the structural units used in the homophonic forms have been discussed. For review purposes, it will prove helpful if a specific musical example of each unit in the following list is found:

1. figure
2. figure group or motive composed of figures
3. semi-phrase
4. phrase
5. repeated phrase
6. period
7. repeated period
8. period with repeated antecedent
9. period with repeated consequent
10. period with repeated antecedent and repeated consequent
Units of structure

11. three-part period
12. phrase group
13. repeated phrase group
14. double period
15. repeated double period
16. period group

ASSIGNMENT

Each of the following is a unit larger than the period form. Analyze and discuss these from the standpoint of (a) the essential structure and (b) the nature and location of extensions, if any:

1. *Anthology of Musical Forms*, No. 7 (meas. 14-29); No. 9a (meas. 30-41); No. 10b (meas. 34-46); No. 11 (meas. 7-24 and 35-52); No. 12b (meas. 1-16).

2. Mendelssohn, *Songs Without Words*, No. 27 (meas. 5-12); No. 16 (meas. 4-9).

Section 2

Song forms
Chapter VII

Song forms in general and auxiliary members

The term song form is used to identify smaller patterns employed in both instrumental and vocal music. This term derives from the structure found in songs of small or moderate dimensions, such as folk songs and hymns. The principal structural divisions of these forms are called parts. Hence, the term two-part or three-part song form does not refer to the number of participating voices or instruments, but to the principal sections. The song forms include the following types:

1. one-part
2. simple two-part
3. expanded two-part
4. incipient three-part
5. three-part
6. enlarged three-part
7. five-part
8. free or group forms

Those patterns which adhere, in a general way, to a pre-established plan are termed "closed forms." The term "open form" is used to designate the structure of compositions, which, like the eighth type, do not conform to a pre-established pattern.

Since "part" is defined as a portion or a division of a larger whole, the term "one-part" may seem contradictory. However, since complete, self-contained compositions from a phrase to a double period in length do exist, these not only justify but necessitate the term one-part.

Forms in general are composed of essential and auxiliary components. The essential components in the outline of a pattern are those units referred to by letters such as A, B, C; by Part I, Part II, Part III; or by Main and Subordinate Themes. Shorter compositions,
such as hymns and folk songs, may consist only of the essential melody. Thus, the fourteen-measure melody of America or the twenty-measure melody of Adeste Fideles represents the total composition. On the other hand, a composition such as No. 27 of Mendelssohn's Songs Without Words consists not only of its three essential parts — I (meas. 5-20), II (21-29), III (33-45) — but of an introduction, a retransition, and a postlude. These are the auxiliary members, the appendages to the framework of the form. Such appendages are by no means merely fillers but are of the greatest significance in terms of structure and content in the communication of the work. In a composition of three hundred measures, the thematic statements may consist of only one hundred measures, the remainder of the work being composed of the auxiliary members.

This chapter is concerned with the listing and definitions of the principal appendages found in compositions both large and small.

**Introduction.** The introduction is a section at the beginning of a composition, immediately preceding the statement of a theme or of a principal part. The introduction is more specifically a characteristic of instrumental rather than of purely vocal works. There are two types:

1. Simple introduction. This usually consists of the establishment of an accompaniment pattern, or of one or more preliminary chords.

   *Anthology of Musical Forms*, No. 10a (meas. 1-2); No. 7a (meas. 1)

   ![Ex 109
Beethoven, Symphony No. 7, Allegretto](image)

   See also Bruckner's Symphony No. 7, first movement (meas. 1-2) and Sibelius' Symphony No. 4, second movement (meas. 1-2).

2. Independent introduction. Three features distinguish the independent from the simple introduction — length, character, and cadence. In a shorter composition, this type of introduction may be from four to eight measures in length, as in Nos. 23, 27, and 35 of Mendelssohn's Songs Without Words. In a larger work, it may be of considerable length and itself be composed of several divisions, as in Symphony No. 1 of Brahms, or the Romeo and Juliet Overture of Tchaikovsky.
Song forms in general and auxiliary members

It will contain a melody of its own and often its rhythmic character — melodic and accompanimental — will differ from that of the main body of the composition. It is usually terminated by an authentic cadence before the first part of the composition proper begins.

*AMF*, No. 5 (meas. 1-7); No. 11 (meas. 1-7)

**Transition.** This is a connecting passage leading from one part or theme to another. A transition has two functions — one modulatory, the other connective. In the first instance, it becomes a means of passing from one key area to another; in the second, it effects a logical connection or a means of juncture between two parts or themes that are so contrasting in contour or rhythm that one could not immediately succeed the other. It is this second function which is most important in such instances, as in the recapitulation of the sonata-allegro form, where the transition connects two themes in the same key. If a transition were merely a means of modulating from one key center to another, it would be unnecessary in such cases. Examples of transitions may be found in the following:

*AMF*, No. 12b (meas. 33-36); No. 17b (meas. 27-31); No. 18b (meas. 21-27)

A brief transition of from one to three measures in length may also be termed a bridge passage.

*AMF*, No. 18a (meas. 30-31)

In the larger forms a transition may be of some length, consisting of two or more sections. If the material is of some importance and independence in itself, the term “transitional episode” may be used.

*AMF*, No. 19 (meas. 96-102)

Exceptionally, a transition may anticipate the melodic or accompanimental pattern of the immediately succeeding part or theme.

---

EX 110
Beethoven,
*String Quartet*
in F major,
Op. 135,
last movement

Allegro
transition

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59
While the transition is an essential part of the larger forms, it is rarely employed between Parts I and II of the song forms or between A and B of the rondo forms. The following illustrate two such exceptional occurrences. In Carl Böhm's *Perpetuum Mobile*, "The Rain," for violin and piano, a three-part song form, measures 13-14 (the second ending) are a transition between parts I and II. In Tchaikovsky's *Romance*, Op. 5, a first rondo form, measures 32-35 are a transition between A and B.

**Retransition.** This is a connecting passage which leads to the *return* of a previously-heard part or theme.

*AMF*, No. 9 (meas. 25-29); No. 12b (meas. 68-72); No. 14 (meas. 81-93); No. 17a (meas. 46-49)

If a retransition uses figures or motives from the part to which it is returning, it is called an anticipatory retransition.

*AMF*, No. 15 (meas. 63-68 and 175-180)

**Codetta.** The codetta (literally "little coda") follows a part, theme, or section. One of its principal functions is harmonic — to reaffirm the cadence. There are two types:

1. The harmonic codetta employs the harmonies used at the end of the phrase which it follows. It is often a two-measure unit, with its melody not necessarily derived from the preceding phrase.

*AMF*, No. 13 (meas. 27-29)

The term is also used for repetitions of the cadence group which involve simply two beats.

2. The melodic codetta is four or more measures in length. It may utilize a figure borrowed from the immediately preceding phrase or it may employ entirely new material.

*AMF*, No. 9 (meas. 21-25); No. 11 (meas. 77-83); No. 12b (meas. 25-32); No. 15 (meas. 55-62); No. 19 (meas. 18-25)

The codetta may appear in the course of or at the end of a composition. It may also appear at the close of a coda or postlude.

In polyphonic works, the codetta is often an additional statement of the subject after an authentic or, exceptionally, a deceptive ca-
Song forms in general and auxiliary members
dence.

AMF, No. 27 (meas. 84-89); No. 20 (meas. 29-31)

Interlude. This is a passage of some independence appearing between a theme and its repetition or between two parts. It may be from one to eight or more measures in length.

AMF, No. 19 (meas. 9 and meas. 53-56)

Material used in an independent introduction may recur as an interlude (Mendelssohn, Songs Without Words, No. 23).

It is possible for a passage to combine the functions of a retransition and an interlude.

AMF, No. 9 (meas. 56-64)

Section. A section is a portion of a composition which is characterized by the use of a certain melody or by a particular kind of treatment. In music of the tonal era it is generally terminated by a definite cadence.

The term section applies to both homophonic and polyphonic forms. Thus, the development of a sonata movement is divided into sections, as are inventions and fugues. Certain forms (motets, toccatas, inventions, fugues) are altogether sectional. The sectional technique is frequently used in Impressionistic compositions.

AMF, No. 17b (meas. 56-91 and 89-136); No. 19 (meas. 25-35); No. 20a; No. 21a

Episode. The term episode is used differently in homophonic and polyphonic forms. In the former it is applied to a passage of some length, most often not derived from previous thematic material and somewhat in the nature of a digression.

AMF, No. 17b (meas. 9-26)

In the fugue (and invention) the episode is a passage in which only a fragment of thematic or counter-thematic material is used.

AMF, No. 20a (meas. 5-6, 9-10, 13-14, 17-19)

In the concert fugue, an episode consisting of brilliant passage work may be entirely non-thematic.

In homophonic forms, an episode of some length may be divided into sections; in polyphonic forms the episode is itself part of a section.

The term episode is also sometimes used to identify a secondary theme in the rondo form.

The structural implications of texture are especially significant in relation to the section and episode. Texture in music refers to the interweaving of melodies and harmonies, the number of participating "voices," and their horizontal and vertical interrelationships. In homophonic music especially, changes of texture often coincide with structural divisions. Such changes frequently occur in association with:
1. A modulatory passage used as an extension, a transition or a dissolution.
2. A section or episode immediately following a modulatory passage.
3. The presentation of a new theme.
4. A new section in a development or coda.

Dissolution. A dissolution is a specific type of extension in which one or more figures from the immediately preceding thematic material are treated by repetition, sequence, and modulation. It follows a theme or a part and leads to a transition, retransition, or to a new part.

AMF, No. 15 (meas. 87-95). See also Beethoven, Sonata, Op. 2, No. 1, first movement (meas. 9-14); Mozart, Serenade for string orchestra, Romanza (meas. 26-30); Franck, Symphony in D minor, second movement (meas. 114-124)

Coda. A coda (from Italian, meaning “tail”) is a section at the end of a composition which comes immediately after the last theme or part. Shorter compositions may not have a coda but may, instead, end with the close of the final part or with a brief codetta.

The coda may consist of one or more sections, with material derived from some previous portion of the composition. New material may, however, be used. While some theorists also use the term “coda” to designate a terminal unit in the course of a work, it is preferable to reserve this term for the section at the very end of a composition or movement. (See also the discussion of the coda in Chapter XV.)

1. Coda of one section
   AMF, No. 10b (meas. 46-54); No. 11 (meas. 83-93)
2. Coda of two sections
   AMF, No. 5 (meas. 5-46); No. 13 (meas. 48-61)
3. Coda of three or more sections
   AMF, No. 9a (meas. 80-96); No. 15 (meas. 259-312); No. 19 (meas. 220-253)

Postlude. A postlude is a section of some independence at the very end of a work; it may conceivably appear as the last section of a coda.

AMF, No. 5 (meas. 40-46)

The postlude, as distinct from a coda, is more definitely in the nature of an epilogue. Frequently, similar but independent material appears at the beginning and the end of a composition as an independent introduction and postlude, respectively, thus “framing” the composition. This procedure is to be observed in shorter pieces and in extended works such as Strauss’ Till Eulenspiegel or Menotti’s Amahl and the Night Visitors.
In another sense, the term postlude is used as the title of an organ work, often improvised, which is played at the close of a service during the exit of the congregation.

ASSIGNMENT

1. Discuss the auxiliary members referred to in the *Anthology of Musical Forms*. Which have phrase or period structures? Which do not?

2. Identify and bring to class examples of auxiliary members of compositions which you are currently studying.
The two-part song form

The two-part song form is the smallest example of a binary structure. Its two balancing divisions are analogous, structurally, to the units which are combined to form larger patterns, as the following illustrates:

\[
\begin{align*}
\text{figure} + \text{figure} &= \text{motive} \\
\text{motive} + \text{motive} &= \text{semi-phrase} \\
\text{semi-phrase} + \text{semi-phrase} &= \text{phrase} \\
\text{phrase} + \text{phrase} &= \text{period} \\
\text{period} + \text{period} &= \text{double period}
\end{align*}
\]

While all of the above represent two symmetrical subdivisions, these subdivisions are unified by the particular pattern which they form. In the two-part song form each of the parts has a more marked individuality than have, for example, the two semi-phrases which constitute the phrase. It is for this reason that we refer to the two-part song form as the smallest example of a binary structure.

There are two categories of two-part song forms, the simple and the expanded.

The simple two-part song form

Part I may be from a phrase to a double period in length. In tonal music, the cadence at the end of Part I may be:

1. authentic, in the tonic of the dominant
2. authentic, in the tonic of a related key
3. a half-cadence on the dominant
4. authentic, in the original tonic

Part II may also be from a phrase to a double period in length; it may be in the same key as Part I or in a related key. The final cadence is authentic in the original tonic. Very often Parts I and II are identical in length; if not, Part II is generally longer.
Either or both of the parts may be repeated, as illustrated below:

<table>
<thead>
<tr>
<th>Part I :</th>
<th>Part II :</th>
</tr>
</thead>
<tbody>
<tr>
<td>I :</td>
<td>II :</td>
</tr>
<tr>
<td>I :</td>
<td>II :</td>
</tr>
<tr>
<td>I :</td>
<td>II :</td>
</tr>
</tbody>
</table>

The simple two-part song form is found in a number of categories.

**Folk songs and hymns**

### Part I, Parallel Period

**Londonderry Air**

*Ex. 112*

*(Irish Folk Song)*

#### Andante

#### Antecedent

#### Consequent

### Part II, Parallel Period

#### Antecedent

#### Consequent

**Smaller instrumental and vocal compositions**

- Schumann, *Choral* (No. 4) from *Album for the Young*, Op. 68;
- Bach, *Polonaise* from *Anna Magdalena's Notebook*.

**Themes or subdivisions of larger works**

- Beethoven, *Sonata*, Op. 79, first movement (meas. 1-16);

This theme has the following structure:

- A (24-27)—embellished repetition of A (28-31)—B (31-36)—embellished repetition of B and extension (36-44).

**Theme of Mendelssohn’s Variations Sérieuses**, Op. 54.

### Part I, Repeated Phrase

**Haydn,**

*String Quartet*, Op. 76, No. 3, second movement *(theme with variations)*

#### Poco adagio, cantabile

#### Repeated phrase

### Part II, Contrasting Period

#### Antecedent

#### Consequent
The Haydn theme (originally composed as the Imperial Austrian Anthem) is a pattern often found in medieval music, including the songs of troubadours, trouvères, minnesingers, and meistersingers. In a passage of Wagner’s opera Die Meistersinger von Nürnberg (Act III), Hans Sachs describes the process of composing a song according to this basic idea of A A B. The term “barform,” derived from the German, is often used to designate this particular structure.

One of the difficulties in the analysis of the two-part song form arises from the fact that under some circumstances a combination of two periods may form a contrasting double period, and under others a two-part song form. The following are factors which determine that a two-period structure is a song form rather than a double period:

1. A strong cadence at the end of the first period, particularly if it is authentic.
2. Repetitions of, or within, the periods.
3. A greater contrast between Periods I and II than would be found in a double period.

It is obviously not necessary that all of these conditions be present; in most instances any one of them will be sufficient to establish a song form structure.

An interesting characteristic of many simple two-part song forms is the fact that the end of Part II is a repetition or transposition of the end of Part I. This is termed musical rhyme, thus relating it to sentence-end rhymes in poetry and differentiating it from musical parallelism, which is generally evidenced in the beginnings of corresponding units. One of the earliest examples of the use of this device is found in the fourth-century “Ambrosian” hymn Aeterne Rerum Conditor. A familiar example is the folk song Pop, Goes the Weasel.

EX 114
Pop, Goes the Weasel
(English Folk Song)
Other examples are the thirteenth-century minnesinger song, *Na al'eerst,* by Walther von der Vogelweide (*Historical Anthology of Music*¹ [hereafter referred to as *HAM*] Vol. I, No. 20), the Gavotte of the *French Suite* in E major by Bach, and the first sixteen measures of the Finale of Mozart’s *Symphony No. 40* in G minor. The folk songs *Robin Adair* and *Sourwood Mountain* each illustrate the use of musical rhyme and also of barform.

It must be emphasized that the resemblance involves only the final two measures of each respective part. If a complete phrase is restated, the form then becomes a variety of three-part rather than of two-part structure.

**The expanded two-part song form**

The expanded two-part song form is distinguished from the simple two-part song form in the following ways:

1. It may include auxiliary members such as introduction, codetta, coda, or postlude.
2. Part I is never less than a period in length.
3. Part II will usually be longer than Part I and may often include extensions of various types.
4. One or both of the parts may be repeated.

The cadence and tonality relationships are identical with those outlined for the simple two-part song form. The following are examples of the expanded two-part song form: Schubert, *Wanderer's Night Song,* Op. 4, No. 3; *Death and the Maiden,* Op. 7, No. 3; Bartók, *Mikrokosmos,* Vol. III, Nos. 70 and 74; Bizet, “Habanera” from *Carmen.*

Not all binary structures can be properly analyzed as two-part song forms. These will be noted in later chapters.

**Assignment**

1. Analyze the following simple two-part song forms, indicating (a) structural units, (b) key relationships, (c) cadence relationships: *Anthology of Musical Forms,* No. 4a and 4b.
2. Analyze two folk songs or hymns of which the following are typical: *Adeste Fideles, America, Yankee Doodle, Santa Lucia, Lead, Kindly Light.*

3. Analyze two of the following examples of the expanded two-part song form:

*Anthology of Musical Forms*, No. 5.
J. S. Bach, Gavottes of the *French Suites* in E major and G major.
The three-part song form

The outline of the three-part song form may be represented by the pattern A B A, in which each letter refers to one of the distinctive parts. While we speak of the form as a three-part structure, and use the terms Part I, Part II, and Part III, the third part is not actually a different part but is a restatement, exact or somewhat modified, of Part I. Forms which are characterized by statement, departure, and restatement are called ternary. Of all the patterns used in music since 1700, there are unquestionably more examples of ternary forms than of any other. In order of size, the principal ternary patterns include:

1. three-part period
2. incipient three-part song form
3. three-part song form
4. enlarged three-part song form
5. five-part song form
6. song form with trio
7. first rondo form
8. second rondo form
9. third rondo form
10. sonatine (with a development section)
11. sonata-allegro form

The distinctive feature of the ternary pattern is the element of restatement or return. It is in this respect that musical forms differ most markedly from literary forms. With the exception of certain poems in which a refrain occurs, most poems, stories, and plays proceed by continuous progression. In a book or a play, for example, Chapter 10 or Act III is never a restatement of Chapter 1 or Act I. On the other hand, the reutilization of a figure, motive, or theme, either in immediate succession or in some established order, is one of the essential aspects of musical construction.
Song forms

The three-part form is frequently found in folk song and occasionally in plainsong, especially in the tripartite Kyrie, but the crystallization of the ternary pattern occurs in association with the establishment of tonality after 1600. This pattern is particularly in evidence between 1700 and 1900. It is an outgrowth of relations implicit in tonality, where tonal (key) centers are as form-defining as principal and subordinate themes. Thus, in tonal music, the restatement (A) is not only the return of a specific melody, but it is also the return of a specific key area. Conversely, the occurrence of the melody (A) in another key represents (in triadic-tonal music) not a restatement but an actual new part or a development. Thus, in the Finale of Mozart’s Symphony in E-flat (No. 39) the subordinate theme is not a new melody but a dominant transposition of the principal theme.

Tonal (key) centers are more form-defining in the music of 1600-1900 than modal key centers had been in music up to 1600. This is one reason for the emergence of the larger instrumental homophonic forms, including the ternary patterns, after the end of the Renaissance period in the late sixteenth century. It is noteworthy that in twentieth-century music, two important characteristics of which are a return to linear writing and a departure from triadic tonality, the ternary form is neither so frequently employed nor as strictly observed as in the previous three centuries.

The incipient three-part song form

This pattern, generally a sixteen-measure unit, is the smallest three-part song form. (The three-part period, while a ternary pattern, is not actually a song form.)

Part I is composed of two phrases, forming either a parallel or a contrasting period, the former occurring more frequently. Part II consists of a single four-measure phrase. Part III is the return, either exact or with some modification, of one of the phrases of Part I. If Part I is a parallel period, Part III may use either its antecedent or consequent phrase. If Part I is a contrasting period, only the antecedent phrase is used. In the Finale of the Beethoven Sonata, Op. 7 (meas. 1-16), Part III (13-16) is a restatement of phrase two of Part I (5-8); in the Andante of the Beethoven Sonata, Op. 14, No. 2 (meas. 1-16), Part III (13-16) is a restatement of phrase one (1-4).

The cadences at the end of Part I and Part III are generally authentic; at the end of Part II, either a half-cadence or an authentic cadence is found.

The pattern of this form is illustrated in the following diagram:
The three-part song form

<table>
<thead>
<tr>
<th>Part I</th>
<th>Part II</th>
<th>Part III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antecedent phrase</td>
<td>Consequent phrase</td>
<td>Phrase</td>
</tr>
<tr>
<td></td>
<td></td>
<td>from phrase 1 or phrase 2</td>
</tr>
</tbody>
</table>

This form may exist either as a complete composition or, as illustrated in the two Beethoven piano sonatas mentioned above, a theme of a larger work. Many of Stephen Foster's songs, including *My Old Kentucky Home*, *Old Folks at Home*, and *Oh! Susannah*, utilize this form.

Two types of repetition are found within this pattern:


Because of the possible symmetrical divisions of its sixteen measures into two halves of eight measures, with the stronger cadences occurring at the end of each half, the incipient three-part song form is a structural hybrid, having both binary and ternary characteristics. However, since there is a return of a complete phrase following a departure, the basic requirements of the ternary form — statement, digression, and restatement — are fulfilled. It is the return of the complete phrase, establishing the beginning of Part III, which differentiates the incipient three-part song form from the type of two-part song form in which a similar semi-phrase is found at the end of Part I and Part II (musical rhyme).

The pattern || : A : || B A ||, in which each of the units is a single phrase, is intermediate between the three-part period and the incipient three-part song form. This pattern is found in *Drink to Me Only with Thine Eyes* and *The Bluebells of Scotland*.

The regular three-part song form

Most smaller instrumental works and solo vocal works are in this form. This pattern is also used for themes of larger works.

An introduction is optional; it may be either simple or independent. In the smaller three-part song form, an independent introduction is more frequent in solo piano works than in accompanied solo or ensemble works. In order to establish an accompanimental pattern, accompanied vocal or instrumental solos will most frequently begin with a simple introduction. As a theme in a larger work, however, the three-part song form will rarely be preceded by an introduction.

Of the Mendelssohn *Songs Without Words*, No. 2 has no introduction, No. 22 has a simple introduction of one-half measure, and
No. 35 has an independent introduction of five measures. Part I is generally from a period to a double period or phrase group in length. In tonal music it is usually terminated by an authentic cadence, either in the principal or in a related key. Part I may be followed immediately by Part II. Of auxiliary members, the following may occur between Parts I and II:

1. Codetta—Beethoven, Sonata, Op. 2, No. 1, Minuet (meas. 11-14)
2. Interlude—Mendelssohn, Songs Without Words, No. 23 (meas. 16-19)
3. Transition (rare) (See “Transition,” Chapter VII)

Part II may be from a phrase to a double period or a phrase group in length. Extensions, phrase group formations, and various structural irregularities are much more apt to appear in Part II than in Part I. Exceptionally, only a single phrase may constitute Part II (AMF, No. 12a, meas. 25-28). Usually, however, Part II is at least as long as, and frequently longer than, Part I. In tonal music, it most frequently begins in another key; in a self-contained work it may begin in the same key as Part I.

The melody of Part II may be:

1. A transposition of the melody of Part I. This occurs frequently in dance forms. (Schumann, Sicilienne from Album for the Young, Op. 68, meas. 9-16)
2. Derived from Part I. Generally the derivation is from a figure or motive in the beginning of Part I. (AMF, No. 14, meas. 9-12). Occasionally the beginning of Part II is derived from the end of Part I. (This is analogous to the antecedent-consequent relationship illustrated in modified parallelism.)
3. Composed of new and independent material. (AMF, No. 12b, meas. 45-52; No. 15, meas. 9-18)

While Part I is usually terminated by an authentic cadence, Part II frequently ends in a half-cadence, giving the last portion of this part a retransitional character. The occasional occurrence of longer notes or rests at the end of Part II is noteworthy since this device combines a feeling of quasi-conclusion with a sense of expectation.

Auxiliary members appear much more frequently between Parts II and III than between Parts I and II. These may be one or more of the following:

1. Codetta. (AMF, No. 9a, meas. 21-25)
2. Interlude. An interlude may be markedly distinctive in character and come to a strong cadence by itself. It may also have somewhat of a retransitional character.
The three-part song form

(AMF, No. 9a, meas. 25-29)


4. Retransition. (AMF, No. 10, meas. 17-18)
While a retransition may occur alone, a codetta, interlude, or dissolution will often be followed by a retransitional passage. In some instances this returning passage may grow out of the preceding member so organically and unobtrusively that a resulting overlapping of function makes it difficult to indicate specifically where one member ends and the other begins. (Mendelssohn, Songs Without Words, No. 30, codetta to part II, meas. 36-39; repetition of codetta merging with retransition, meas. 39-49)

In most instances, a retransition will lead directly into Part III; in other instances, particularly in the case of a retransitional interlude, a cadence may occur immediately before the beginning of Part III. (AMF, No. 9a, meas. 29 and 64)

Part III is the return of Part I. This return may occur in one of the following ways:

1. Exact or slightly modified. (AMF, No. 7a, meas. 30-39; No. 12a, meas. 29-36)

2. Longer, by extension or addition of new material. (Mendelssohn, Songs Without Words, Nos. 25, 26, 27, 30)

3. Shorter, the abbreviated return consisting often of but a single phrase. (Schumann, Album for the Young, No. 16)


5. As a transposition of Part I. This is related to the category of irregular part forms. (Schumann, Album for the Young, No. 7, meas. 17 to the end — partial transposition)

The use of the three-part song form as a theme is illustrated in the following works:

Anthology of Musical Forms, No. 14 (meas. 1-20); No. 15 (meas. 1-27)

Chopin, Mazurka, Op. 59, No. 3
A = 1-16; B = 17-24; A = 25-45 (note the subtle evasion of the cadence in meas. 44)

Brahms, Symphony No. 1 in C minor, first movement
A = 42-51; B = 51-70; A = 70-89

In a self-contained tonal or modal composition, Part III will al-
most invariably terminate with an authentic cadence in the original key of the work; this is less generally true when the three-part song form is used as the pattern of a theme in a larger form. Examples of Part III ending in a key other than the original are found in the following themes:

*Anthology of Musical Forms*, No. 15, meas. 1-29. The theme begins in C major and ends on the V of G major.


In music wherein key area is either non-existent or of negligible importance in relationship to pattern formation, the actual chord which terminates Part III is optional.

A brief composition in the three-part song form may conclude with the end of Part III. In a longer work, Part III may be followed by:

3. A postlude. (Mendelssohn, *Songs Without Words*, No. 4, meas. 26-30)

**Assignment**

Analyze the three-part song forms from the following list:

1. *Anthology of Musical Forms*, No. 7a and b; No. 14 (meas. 1-29); No. 15 (meas. 1-27).
5. Milhaud, *Midi* (for piano), from *Une Journée*.
6. Copland, No. 3 of *Four Piano Blues*. 
Expansions of the three-part song form and irregular part or group forms

The three-part song form may be enlarged by repetition of one or more of its parts in the following ways:

1. ||: A || B A (Mendelssohn, Songs Without Words, No. 27)
2. A ||: B A :|| (AMF, No. 15 (meas. 103-167); Mendelssohn, Songs Without Words, Nos. 23, 45, and 48)
3. ||: A :: B A :: (AMF, No. 8; Beethoven, Sonata, Op. 2, No. 1, Menuetto and Trio; Mendelssohn, Songs Without Words, No. 29)

In tonal music the A and the B sections return in the same keys as in their first presentation. Inessential alterations such as change of register or enrichment of the harmony may occur.

The pattern ||: A :: B A :: is found almost invariably in each of the two song forms constituting the minuet or scherzo of the Classic sonata.

Except in such instances where Part II is but a phrase, the repetition of Part II by itself is comparatively rare. An example of this type is noted in Schumann’s Sicilienne, Op. 68, No. 11. Even less frequent is the pattern A B A (A). The student should observe that the grouping of the repetitions in A B A B A is always A (B A) (B A), never (A B) (A B) A.

The Five-Part Song Form

The five-part song form is an outgrowth of the enlarged three-part song form. There are three essential categories, in which the melodic and tonal relationships are as follows:
### Song forms

<table>
<thead>
<tr>
<th></th>
<th>Part I</th>
<th>II</th>
<th>III</th>
<th>IV</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A</td>
<td>B</td>
<td>A</td>
<td>B'</td>
<td>A</td>
</tr>
<tr>
<td>Key</td>
<td>Key 2</td>
<td>Key 1</td>
<td>Key 3</td>
<td>Key 1</td>
<td></td>
</tr>
</tbody>
</table>

In this category B' is a transposition.

<table>
<thead>
<tr>
<th></th>
<th>Part I</th>
<th>II</th>
<th>III</th>
<th>IV</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>A</td>
<td>B</td>
<td>A</td>
<td>B'</td>
<td>A</td>
</tr>
<tr>
<td>Key</td>
<td>Key 2</td>
<td>Key 1</td>
<td>Key 3</td>
<td>Key 1</td>
<td></td>
</tr>
</tbody>
</table>

In this category B' is a marked modification of the first B.

<table>
<thead>
<tr>
<th></th>
<th>Part I</th>
<th>II</th>
<th>III</th>
<th>IV</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>A</td>
<td>B</td>
<td>A</td>
<td>C</td>
<td>A</td>
</tr>
<tr>
<td>Key</td>
<td>Key 2</td>
<td>Key 1</td>
<td>Key 3</td>
<td>Key 1</td>
<td></td>
</tr>
</tbody>
</table>

Here, instead of the transposition or development of B, an entirely new part is found.

In all five-part song forms, the relations of Parts I, II, and III are precisely those of the regular three-part form. Part V, a third recurrence of Part I, is rarely a literal return. In some instances it is much altered, containing material not present in either Parts II or III. This is illustrated if we compare Parts I, III, and V of Mendelssohn's *Songs Without Words*, No. 34 (*AMF*, No. 9a).

The essential factor which differentiates all types of five-part song forms from the enlarged three-part forms, and at the same time distinguishes one type from another, is the treatment of Part IV.

**Part IV as a transposition of Part II.** Of this category there are the following two types:

1. Part II may be transposed in whole or in part. The transposition may be literal and uniform, the part being consistently reproduced at a given interval throughout. Thus, in Mendelssohn's *Songs Without Words*, No. 34 (*AMF*, No. 9a), measures 42-56 are a literal transposition of measures 11-25 a minor third lower, effecting a change of both key and mode.

2. The transposition of Part II is not consistent throughout, and often some changes occur in the structure of Part IV. Thus, in Chopin's *Nocturne No. 8*, Op. 27, No. 2, Part IV is at first a sixth above, then a second below, the corresponding portions of Part II.

**Part IV as a marked modification of Part II.** In examples of this
type, the relationship of Part IV to Part II is less obvious; some element of relationship is present, however, and the derivation of Part IV from Part II may be established, as in Chopin's Prelude, Op. 28, No. 17.

**Part IV as a distinct member.** Here, Part IV is not derived from Part II and is an independent member. Its key area is generally different from that of either Part I or Part II (AMF, No. 9b).

**Irregular part or group forms**

Most shorter compositions of from two to five principal divisions will be found to conform to the song form patterns — the closed forms discussed in the previous chapters. There are, however, a considerable number of compositions of from three to six parts which are not constructed in accordance with the conventional two-, three-, or five-part prototypes. These are in the general category of free or open forms. This does not mean the works are formless; merely that a unique rather than a pre-established form is the structural basis of the composition.

The three principal categories of the irregular part forms are those in which:

1. One of the parts is repeated in a transposed reproduction.  

2. Three parts are found, each independent in thematic content.  
   (AMF, No. 10a)

3. Four or more parts are found. In some instances, the last part may be a restatement of the first. (AMF, No. 10a; No. 11)  
   Beethoven, Bagatelle, Op. 119, No. 3. Five parts, each repeated, and a coda; Part V is a restatement of Part I.

   Wagner, Tristan und Isolde, English Horn solo, Act III. Six sections, utilizing three basic motives.

   Chopin, Nocturne No. 5, Op. 15, No. 2. Four parts with Part IV a restatement of Part I, followed by a codetta.

**Assignment**

1. Analyze the following examples of the enlarged three-part song form:

   *Anthology of Musical Forms*, No. 8; No. 15 (meas. 126-167).  


   Mendelssohn, Songs Without Words, Nos. 23 and 45.
2. Analyze the following examples of five-part song forms and determine the respective category to which each belongs:

- *Anthology of Musical Forms*, No. 9a and b.

3. Analyze irregular part forms from the compositions listed below. Are there any thematic relationships between the parts? What principles guide the composer when a pre-established form is not followed?

- *Anthology of Musical Forms*, No. 10a and b; No. 11.
- Chopin, *Mazurkas*, Nos. 3, 7, 14, and 35 (seven parts).
- Debussy, *Préludes*, Book I, No. 8, “Maid with the Flaxen Hair.”
Section 3

Single-movement forms
Chapter xi

Song form with trio

A composition which consists of but one basic pattern is called a single or simple form; one which includes within itself several basic patterns, as a separate composition or as a movement of a larger work, is called a compound form. Thus, the Mendelssohn Songs Without Words, No. 6, is a single form, while a sonata movement containing several song forms is a compound form. The term compound form also applies to such large designs as an opera or oratorio.

The five-part song form and the group of parts found in some irregular examples represent the maximum possible extent of the single form in homophonic composition.

The larger homophonic forms, such as song form with trio, the rondo forms, and the sonata-allegro form, combine two or more basic patterns and are thus composite structures. Of these, the song form with trio is one of the most stereotyped of all patterns found in music. It combines two song forms, the first called the principal song form, the second the subordinate song form. The outline of this form is as follows:

Song Form I — Song Form II (Trio) — Song Form I

The most familiar use of this pattern is found in the minuet and scherzo movements of the Classic and early Romantic sonata and symphony.

The successive use of the two song forms in the minuet movement is an outgrowth of the pairing of two dances, conventional during the Renaissance and Baroque periods. A slower dance in duple meter was followed by a quick dance in triple meter, the second dance being called nachtanz, proportz, or tripla. These paired dances were the pavane-galliard (1500-1600), the passamezzo-saltarello (c. 1550-1620) and the allemande-courante (c. 1600-1650). In the minuet, it was simply the device of using dances in succession, rather than in any specific tempo or meter relationships, which
was inherited from the paired dances. The *da capo*, or return to the first dance, was a Baroque development.

The practice followed by Lully of having three instruments (usually two oboes and a bassoon) play the second dance led to its designation as the trio. This scoring is used for the second dance of the Minuet in Bach’s *Brandenburg Concerto No. 1*. It is noteworthy that unless an actual three-part texture is employed, Bach never uses the term trio for the second form, titling the latter either Minuet II or Bourrée II, depending on the specific dance. This is illustrated in the *Suite* in B minor for flute and strings. Although the tradition of using three-part harmony for the second dance soon passed, the name trio remained as an identification of the subordinate song form in minuets, scherzos, dances, and marches.

The three-movement pre-Classic symphony often concluded with a Minuet. Stamitz and other Mannheim composers were among the first to enlarge the symphony to four movements by adding an animated finale after the minuet. In Beethoven’s works, the scherzo often replaced the minuet. The differences between these movements involve tempo and character. Both are in triple meter, but where the minuet is moderate in tempo, with three beats to the measure, the scherzo is rapid, with but one beat to the measure. Whereas the minuet of Haydn is often a folk-like dance and that of Mozart graceful and polished, the scherzo of Beethoven is a dynamic movement characterized by jest, humor, sharp contrasts, and sometimes a restless motion.

While Beethoven was the innovator of a scherzo style for the third movement of the sonata, the first use of the title for this movement occurred in Haydn’s *String Quartets* Nos. 3 to 6 of Op. 33. However, the tempo being a moderate three to the measure, these are actually minuets. Conversely, although the third movement of Beethoven’s *First Symphony* is called minuet, it is, in fact, a scherzo. A still earlier occurrence of the title scherzo may be observed in a Bach *Partita* in A minor.

As found in the minuet and scherzo, the usual outline of the song form with trio is as follows:

\[
\text{Song Form I} — \text{Song Form II (Trio)} — \text{Song Form I}
\]

\[
\begin{align*}
| | : A : | | : B & A : | | \quad | | : C : | | : D & C : | | \\
\hline
A & B & A
\end{align*}
\]

An introduction is exceptional. It will be noted that each of the song forms is an enlarged three-part pattern. A characteristic of both the Baroque and Classical examples is that the beginning of the second part is a transposition of at least the beginning of the first part. Thus, in the above outline, B of Song Form I is derived from A, and D of Song Form II is derived from C. A transition between
Song form with trio

the first and second song forms is comparatively rare.

The trio is contrasting in character and is most often in a related key or mode. Besides the term trio, such titles as *musette* or *alternativo* are used for the subordinate song form. In Baroque examples of this form, found so often in suites (where all the movements are in the same key), the two dances composing this form are also in the same key. However, in *Sonata No. 4* for flute and clavier, Bach anticipates the key contrasts of Classicism by having the Minuet I in C major, the Minuet II in A minor. Generally, the trio is quieter in character, somewhat more subdued than the first song form. To this, however, there are more than a few exceptions (Scherzo of Beethoven’s *Sonata*, Op. 2, No. 3). Most frequently, particularly in dance movements, the meter of Song Form II is the same as that of Song Form I. Exceptions are found in:

1. Beethoven, *Symphony No. 6*, Song Form I — 3/4 meter, Song Form II — 2/4 meter

The trio may end with:

1. An authentic cadence
   Mozart, *Symphony* in G minor (K.550), Menuetto, meas. 84
2. A half-cadence
   Beethoven, *Symphony No. 5*, Scherzo, meas. 235
3. A retransition leading to the return of Song Form I

Song Form I may return unaltered, in which case the indication *Minuet D. C.*, or *D. C. al Fine* is given at the end of the trio. By convention its restatement is then played without repetition. If the restatement involves changes, it is written out (Beethoven, *Sonata*, Op. 10, No. 1, Allegretto).

A coda is optional. Examples are found in Beethoven’s *Sonata*, Op. 2, No. 3, meas. 106-128 and Mendelssohn’s *Italian Symphony*, meas. 203-223.

The use of a two-part structure for each of the respective song forms is much less frequent than the occurrence of three-part forms. If two-part song forms are used, they are in the following pattern:

Song Form I — Song Form II (Trio) — Song Form I

\[\begin{array}{c|c|c|c}
| & A & | & B | \\
| | | | |
| C | | D | |
\end{array}\]

A B

An example employing a two-part structure for each song form is the *Gavotte* by Gossec.
Generally, the same type of pattern is used in Song Form I and Song Form II; that is, if the minuet is a three-part song form, the trio will also be a three-part song form. For example, the principal and subordinate song forms in Beethoven's Minuet in G are both incipient three-part. An exception to this is to be found in the Rigaudon of the suite Aus Holbergs Zeit by Grieg. Here, the first song form is in two parts, while the trio is a three-part form.

Partly to compensate for the quicker tempo, and partly as an outgrowth of the expansion of the form, we find the following enlargements of the song form with trio as used in the scherzo:

1. An additional repetition of the trio and Song Form I occurs in the scherzos of Beethoven's Symphony No. 4 and Symphony No. 7.

2. A song form with two trios, in which the second trio is an entirely new section and in a different key from Song Form I or Trio I, can be found in the scherzos of Schumann's Symphonies No. 1 and No. 2 and Dvořák's Symphony No. 5; Mendelssohn's "Wedding March" from Midsummer Night's Dream and Brahms' Symphony No. 2, third movement.

Perhaps the extreme enlargement of this form is found in Bach's Concerto in F for solo violin, two horns, three oboes, bassoon, and strings, which contains a minuet with three trios.

While the song form with trio is most familiar as the form used for the minuet or scherzo, it is also found in a miscellaneous category of individual compositions, including:

Schumann, Sicilienne, Op. 68, No. 11
Chopin, Polonaise Militaire in A major, Mazurka, No. 23, Nocturnes, Nos. 1, 10, and 11
Brahms, Intermezzos, Op. 116, No. 6 and Op. 118, No. 4

ASSIGNMENT
1. Analyze several of the following examples of song form with trio:
   Anthology of Musical Forms, No. 12a and b.
   Schumann, Sicilienne, Op. 68, No. 11.
   Chopin, Nocturnes No. 1 and No. 10.
   Beethoven, Symphony No. 5, Scherzo.
   Schumann, Symphony No. 1, Scherzo.
   Prokofiev, Sonata No. 6, Op. 82, third movement.
Chapter XII

Rondo forms

The word rondo is derived from the French rondeau, both terms being associated with forms having a recurrent refrain. The rondeau was originally a poetic form, which, beginning in the twelfth century, was set to music. The rondo is more essentially an instrumental form, although vocal examples are also to be found.

Rondo as a form should not be confused with rondo as a character-type. The former applies to a pattern in which a theme recurs in alternation after one, two, three, or (exceptionally) more digressions, and in which the tempo may be either slow or fast. However, a movement which is titled rondo, or which is described as being a rondo in character as well as in form, is usually animated and vivacious, the tempo indication being allegro or its equivalent.

While other rondo patterns are encountered, three principal varieties are most often used. These are the:

First Rondo Form — A B A
Second Rondo Form — A B A C A
Third Rondo Form — A B A C A B A

The letters A, B, and C represent themes. In the larger homophonic forms, we do not refer to the principal divisions as Part I or Part II, as in the song forms, but rather to principal and subordinate themes. The theme may itself be a two- or three-part song form, consisting, therefore, of a number of parts. It is at least a period in length. Exceptionally, it may be as short as a phrase; if so, it is often immediately repeated.

The melodic, harmonic, and rhythmic character of the theme establishes not only its own individuality but is also a clue to the character of a movement or a composition. It is chosen or constructed not only for its own inherent character but also on the basis of its potentiality for further utilization and development.

It will be noted that the larger rondo forms make much more ex-
tensive use of auxiliary members than do the smaller forms here-
tofore studied. A specific characteristic of the coda in the rondo
forms is that the final statement of the principal theme may, in some
instances, become the first section of the coda. This is illustrated
in the following works:

*Anthology of Musical Forms*, No. 15 (meas. 259-268)
Mendelssohn, *Midsummer Night's Dream*, Nocturne. The coda is
in two sections; Section I—forty measures from the end to
eighteen measures from the end—is the return of the main theme.
Section II—last eighteen measures.

*The first rondo form*

The principal theme (A) may be from a period to a song form
in length. One of the distinctions between the first rondo form
and the three-part song form is that at least one of the themes is
a song form—usually the principal theme. A transition or an epi-
sode may occur between the principal theme (A) and the subor-
dinate theme (B), or the subordinate theme may follow immediately
after the cadence terminating the principal theme.

The subordinate theme (B) is, with very few exceptions, in a
related key or mode. In tonal music, while a variety of related keys
are found, the subdominant is the least favored. Besides being in
a different key, the subordinate theme also differs considerably in
character from the main theme. Obvious differences are noted in
the rhythms of both the melodies and the accompaniments to the
themes.

The structure of the subordinate theme may be from a phrase to
a song form in extent. It may be followed by a codetta, a retransi-
tion, or a dissolution. These auxiliary members occur more fre-
cently after the subordinate theme than after the first appearance
of the main theme.

The return of the principal theme may be:

1. Exact and relatively unaltered.
2. Embellished in either the melody, accompaniment, or both.
   It may also be varied. (The elaborated or altered return is
   much more frequent than the exact recurrence.)

*Anthology of Musical Forms*, No. 13
Brahms, *Symphony No. 1*, Andante sostenuto
Ravel, *Sonatine* for piano, second movement

Because the A B A of the first rondo form is similar to the
pattern of the three-part song form and the song form with trio,
it becomes necessary to distinguish it from these.

There are three important distinctions which differentiate the first rondo form from the three-part song form:

1. In the first rondo form, at least one of the themes is a song form in itself. This is the essential and most significant difference.

2. The difference between the melodic and rhythmic content of the principal and subordinate themes in the rondo form is greater than the difference between the parts of the song form.

3. While the same accompaniment pattern or texture may be, and often is, used throughout a three-part song form, this is very exceptional in the rondo form.

A more difficult problem arises in some instances in distinguishing between a first rondo form and a song form with trio. There is no dilemma when compositions are unambiguously one or the other, as, for example, the slow movement of Beethoven’s first piano Sonata, Op. 2, No. 1 (first rondo) and the minuet movement in the same work (song form with trio). In compositions where a question may arise as to which specific form is used, the problem is that of determining whether a middle section is a true subordinate theme or a more or less independent song form. For example, the Chopin Nocturne, Op. 9, No. 1 presents such a question; however, we would finally classify this work as a first rondo. On the other hand, the second movement of the Beethoven Sonata, Op. 14, No. 1 and the Chopin Nocturne, Op. 9, No. 3, also somewhat debatable as to pattern identity, would in the end be classed as song form with trio.

As in every category, there are also hybrid works. These, having certain characteristics of one form and equally strong characteristics of another, elude a strict classification. The Andante of Beethoven’s Sonata, Op. 28 is such a work. The middle section is quite definitely a trio, but the considerably varied da capo and the coda (measure 82 to the end of the movement) suggest a procedure more characteristic of the first rondo form. In one edition of the Beethoven sonatas the ambiguous D major section is identified as both subordinate theme and trio.

Refer to the end of the chapter for specific assignments in the first rondo form.

*The second rondo form*

Generally, each theme is at least a period in length; at least one of the themes is a song form in itself. One of the few exceptions in
this respect is the Adagio of Beethoven’s Sonata, Op. 13 (“Pathétique”). Although none of the five principal divisions is a song form, we classify this as a second rondo rather than a five-part song form because the individuality of the parts is such that these may legitimately be considered as themes.

In tonal music, the key relationship of the parts is as follows:

\[
\begin{array}{cccc}
A & B & A & C \\
\text{Key I} & \text{Key II} & \text{Key I} & \text{Key III} \\
& & \text{Key I} & \\
\text{A} & & & \\
\end{array}
\]

In order to avoid the monotony or lack of variety implicit in an exact return, the second appearance of A is generally shorter than its first or third statements. In the Finale of Beethoven’s Sonata, Op. 10, No. 3, the principal theme is in its first presentation a two-part form, in its second a one-part form, and in its final statement a three-part form. The abbreviation of the second A is found in Mozart’s Romanza of Eine Kleine Nachtmusik and Beethoven’s Adagio of Sonata, Op. 13.

The second subordinate theme (C) is generally longer than B. In relation to A, it is also further removed in key and more contrasting in character than is B.

Auxiliary members which may occur include an introduction, a codetta with dissolution or transition after A, a dissolution or retransition after B or after C, and a coda after the final A. Vocal examples of this form are found in the bass solo Schlumert Ein from Bach’s cantata Ich Habe Genug, and in Mozart’s Don Giovanni, No. 21c (in Schirmer ed.)—Elvira’s aria “Mi tradi quell’alma ingrata.”

In the slow movement of Beethoven’s Symphony No. 9, the second subordinate theme is simply a transposed version of the first subordinate theme. The slow movement of Mahler’s Symphony No. 4 is constructed on a plan somewhat similar to the Beethoven.

Refer to the end of the chapter for specific assignments in the second rondo form.

**The third rondo form**

From the standpoint of the number and recurrences of themes involved, the third rondo form is the largest of the ternary patterns.

The distribution and key relationship of the themes is as follows:

\[
\begin{array}{cccc}
A & B & A & C \\
\text{Key I} & \text{Key II} & \text{Key I} & \text{Key III} \\
& & \text{Key I} & \\
\text{A} & \text{B'} & \text{A} & \\
\text{Key I} & \text{Key I} & \text{Key I} & \text{Coda} \\
\text{(transposed)} & \\
\end{array}
\]

As in the first and second rondos, each of the themes may be from a period to a song form in length. The second subordinate theme (C), since it occurs only once, is usually longer than either
A or B; often it is a two- or three-part song form.

Examples of the more elaborate treatment of C are to be noted in *AMF*, No. 15 (meas. 103-164) and Beethoven's *Sonata*, Op. 28, last movement (meas. 68-101).

If the themes are grouped as A B A — C — A B' A, there is a return of a group of themes, namely, A B A. This collective restatement is termed a recapitulation. It is advisable to reserve this term for the recurrence of a group of themes, using the terms return, recurrence, or restatement for the reappearance of a single theme. It is because of this recapitulation with the transposition of B' to the key of the movement that the third rondo form is also known as the sonata-rondo. The sonata character is further emphasized in examples wherein a development replaces C, as in the last movement of Beethoven's *Sonata* in E minor, Op. 90, the Scherzo of Mendelssohn's *Midsummer Night's Dream*, or the third movement of Prokofiev's *Sonata No. 5*, Op. 38.

Since the themes in the recapitulation are all in the same key, it is possible to omit the transition between A and B' and the retransition from B' to A. An example of the first is found in the Beethoven *Rondo*, Op. 51, No. 2; of the second in the Beethoven *Sonata*, Op. 2, No. 2, last movement. However, the omission of these auxiliary members is very exceptional, since the usual procedure is to extend and develop the sections between A, B', and the final return of A in the recapitulation. A modulation is made away from the tonic, followed by a return to the dominant immediately preceding the appearance of B'. This is illustrated in measures 130-144, Beethoven *Sonata*, Op. 26, last movement (transition from A to B'), and measures 167-170, Beethoven *Sonata*, Op. 13, last movement (retransition from B' to A).

The final return of the main theme (A) may be:

1. Abbreviated.

2. Stated as the first section of the coda.
   *Anthology of Musical Forms*, No. 15, meas. 259-268

3. Identical or nearly identical with the first announcement.

4. A somewhat more elaborated or extended treatment than was its first announcement.
   *Anthology of Musical Forms*, No. 15, meas. 181-217

5. Omitted altogether.
   Beethoven, *Sonata*, Op. 26, last movement — here the coda
Single-movement forms

(meas. 162-177) immediately follows the return of the first subordinate theme B'.

Of the above possibilities, the first two are more frequently found than the others.

Thematic allusions or transpositions of parts of a theme must not be mistaken for the actual return of a theme. Examples of such allusions are found in Beethoven, Sonata, Op. 10, No. 3, last movement (meas. 46-48) and Rondo, Op. 51, No. 1 (meas. 76-83).

Exceptionally, a transposition to an unusual key may characterize a statement of the theme if the whole theme appears or if the theme eventually modulates back to the conventionally “correct” key.

The Baroque form of rondeau with couplets alternated an eight-measure refrain with digressions termed couplets; each of the latter was a new melody in a different key area. An example of this form is the gavotte and rondo of Bach’s Partita in E major for solo violin, which has the form A B A C A D A E A. A nineteenth-century modified derivative of this form is the first movement of Schumann’s Faschingsschwank, Op. 26, of which the form is A B A C A D A E A F G A.

Perhaps the earliest notated example of a rondo pattern in Western music is the Gregorian Responsorium prolix, “Libera Me.” Its form is A B A' C A'' D A (p. 1126-1128, Liber Usualis).1

Another early example of the rondo is the French chanson Allon, Gay, Gay, by Guillaume Costeley (1531-1606), which has the pattern A B A C A D A E A. Its refrain, or theme, is a six-measure period (3 + 3) plus a repeated consequent of three measures. (HAM, No. 147)

In the three- or four-movement sonatas, which include solo sonatas, ensemble works, concertos, and symphonies, the rondo forms are used in the following movements:

First Rondo Form — slow movement
Second Rondo Form — slow movement or last movement
Third Rondo Form—last movement

An exception to this customary plan is the use of the third rondo form for a slow movement in Beethoven’s Symphony No. 4.

ASSIGNMENT

1. Analyze one or more of the following examples of the first rondo form:

Anthology of Musical Forms, No. 13.

1All Liber Usualis references are to the Edition #780c of 1947, in which modern rather than neume notation is used.
Ravel, *Sonatine* for piano, second movement.
Schumann, *Symphony No. 1* in B-flat, Larghetto.
Stravinsky, piano *Sonata* (1924), second movement.
Brahms, *Symphony No. 1*, Andante sostenuto.

2. Analyze one or more of the following examples of the second rondo form:
   Wieniawski, *Polonaise* in A major, for violin and piano.

3. Analyze at least one of the following examples of the third rondo form:
   *Anthology of Musical Forms*, No. 15.
   Beethoven, *Symphony No. 6* ("Pastoral"), last movement.
   Prokofiev, *Sonata No. 8*, Op. 84, last movement.

4. Identify the use of rondo forms in general in music you are studying.
Variation form

Variation treatment is among the oldest and most basic devices found in music. It originates in an inherent tendency to modify identical recurrence. “Performers even on the lowest level of civilization are generally unable to repeat a phrase without change . . . and in music more than one exact repetition is hard to bear.” ¹

The occurrence of variants in primitive music is illustrated in the following examples:

Ex 115
Asia,
*Wedda Song* (Wertheimer)

Ex 116
South America,
*Makuschi Song* (Hornbostel)

Ex 117
Africa,
*Wahehe Dance* (Schneider)

A device termed *heterophony*, found in the Orient and assumed to have been practiced in ancient times, involves the accompaniment of a melody by an embellished version of itself.

Ex 118
Arabia,
*Voice, Folk Song*  
*Bagpipe*

A more sophisticated form of this procedure may be observed in measures 116-131 of the Finale of Beethoven's Symphony No. 6, in measures 98-107 of Brahms' Variations on a Theme by Haydn (Op. 56a), and in the improvised sections of a jazz performance when a solo instrument embellishes a melody also present in another instrument.

In Western music, the reiteration of a rhythmic-melodic pattern in a lower voice, as found in the thirteenth- and fourteenth-century motet, represents an anticipation of an ostinato form. Dutch and Italian polyphonic vocal music of the fifteenth and sixteenth centuries apply variation procedures to borrowed melodies; it was a common practice to introduce in each movement of a Mass variants of the melody which gave the Mass its name. Palestrina's Mass Aeterna Munera Christi is one of a large number of works which illustrate this practice.

Up to this point no true variation form had yet emerged. One reason for this is that variation forms are predominantly instrumental patterns and do not crystallize until instruments are perfected and instrumental music assumes an important role. The transition from heterogeneous and amorphous treatments to a definite variation form occurs in lute compositions by Italian and Spanish composers of the early sixteenth century. The Spanish works are specifically titled diferencias.

The Fitzwilliam Virginal Book, published in 1625, reveals the particular fondness of the English keyboard composers for the variation form. Byrd's variations on a secular tune, The Carman's Whistle, and Bull's Les Buffons are noteworthy early examples of this design. The significance of variation form in the seventeenth and eighteenth centuries is emphasized by the statement of Bukofzer that "Variation appears so consistently as an element of Baroque music that the whole era may justly be called one of variation."1

The principal types of variation forms evolved during the Baroque period include:

1. Strophic variation—the leading aria form of early Baroque opera. A returning melody was varied by the use of vocal ornamentation, often improvised on its reappearance.

2. Varied couple dances. Two dances, respectively in duple and triple meter, such as the passamezzo and saltarello or pavane and galliard, performed in succession had the same melody line; the second of the two dances varied the rhythm of the

melody in accordance with the conventions of its meter and pattern.

This procedure, originating in the sixteenth century, led to the seventeenth-century German variation suites of Schein, Peuerl, and Kuhnau, in which all the dances were variations of a single melody. Very possibly an offshoot of the varied couple dance is the “double” of the late Baroque suite. This “double” was a figuration or an embellished variant of an immediately preceding dance. In Bach’s unaccompanied Partita for violin in B minor, the allemande and corrente are followed by such doubles.

3. Ground bass forms such as the passamezzo, basso ostinato, passacaglia, and chaconne. (These are discussed in Chapter XVIII.) In this category are Bach’s Goldberg Variations, one of the greatest of Baroque works in variation form. Because the variations are founded less on the theme than on the bass, Schweitzer characterized this composition as “a passacaglia worked out in chiaroscuro.”

4. The paraphrase type in which progressively more complex embellishments and figurations of the melody are the principal means of variation. Handel’s Harmonious Blacksmith variations are a representative example of this type.

During the Rococo period (1725-1775), variations emphasized tune-embellishment in the paraphrase style rather than polyphonic-harmonic evolvements or studied bass-variant treatment. Examples as found in Rameau’s keyboard works are typical of this treatment.

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The definitive crystallization of the homophonic variation form occurs during the Classic era (1750-1827) and most particularly in the works of Haydn, Mozart, and Beethoven. Surprisingly enough, Haydn's variation technique is more interesting and ingenious than Mozart's. The slow movements of Haydn's "Surprise" Symphony (No. 6, in G major), "Drum Roll" Symphony No. 103 in E-flat), and the "Kaiser" Quartet reveal a level of expressiveness and inventiveness not often equalled in this form by Mozart. The use of a double theme in the F minor Variations for piano and in the slow movement of the Symphony No. 1 in E-flat is unique with Haydn. In Beethoven's works there are but two instances of a double theme in a variation movement, one in the second movement of the Piano Trio in E-flat, Op. 70, No. 2, the other in the slow movement of the Fifth Symphony. In the latter instance, Theme I extends from measures 1 to 21, Theme II from measures 22 to 48. Examples of variation form in Mozart's works are found in the Sonata in A major and the Quintet for clarinet and string quartet.

The highest development of the variation form is found in Beethoven's works. These include, among many examples, the thirty-two Variations in C minor and the Diabelli Variations (both for piano), the Andante of the Sonata for violin and piano, Op. 47 ("Kreutzer") and the last movement of the Third Symphony. The most important composer of variations after Beethoven is Brahms. His variations on themes by Handel and Paganini for piano, the Haydn Variations, Op. 56a, for orchestra, and the Finale of the Fourth Symphony are masterpieces in this form.

Representative variations by nineteenth- and twentieth-century composers include:

Schubert, Impromptu in B-flat (piano)
Schumann, Variations Symphoniques (piano)
Mendelssohn, Variations Sérieuses (piano)
Paganini, Caprice No. 24 (violin)
Elgar, Enigma Variations (orchestra)
Glazunov, Violin Concerto, Finale
Kodály, Peacock Variations (orchestra)
Rachmaninov, Rhapsody (piano and orchestra)
Schönberg, Variations (orchestra)

Source of the theme

The theme on which a set of variations is based may be original (Paganini, Caprice No. 24), borrowed from another composer (Beethoven, Variations on a Theme by Diabelli), or a folk song (Cailliet, Variations on Pop, Goes the Weasel for band).
Single-movement forms

Structure and nature of the theme

With the exception of ostinato types, the theme is usually from sixteen to thirty-two measures in length. It is generally a two- or three-part song form and is presented in a simple fashion; an initially complex statement would tend to make succeeding variations anticlimactic.

Variation procedures

Each variation is a combination of some features derived from the theme and some new treatment. In most cases (somewhat in the nature of an etude) a particular rhythmic pattern or melodic idea is utilized throughout each variation. While the following procedures are listed separately for the purpose of identification and analysis, a single variation will often combine two or more procedures. The following is a list of variation treatments related in most instances to the orchestral score of Brahms' Variations on a Theme by Haydn for orchestra, Op. 56a (referred to hereafter as BHV).

1. Use of same harmony with a new melody — BHV (meas. 40-43).
3. Embellishment of melody — BHV (meas. 30-34 and 59-63).
4. Figuration of harmony — BHV (meas. 98-100).
5. Use of melodic figure from the theme — BHV (meas. 59-63).
6. Use of a rhythmic figure from the theme — BHV (meas. 30-34).
8. Change of key—in Beethoven's Variations, Op. 34 for piano, each variation is in a different key (by descending thirds).
10. Exploitation of dynamics or dynamic contrast — BHV, Variation 8.
11. Register treatment, use of a high or low register throughout a variation or in contrasting sections of a variation — BHV, Variation 8 (first ten measures).
13. Canon — in Bach's Goldberg Variations every third variation, beginning with variation No. 3 to No. 27, is a two-part canon progressively in the unison through the ninth.

15. Double counterpoint — \textit{BHV} (meas. 30-39 and 146-165).

16. Augmentation of theme or thematic motive — \textit{BHV} (meas. 90-92).

17. Diminution of theme or thematic motive — \textit{BHV} (meas. 390-395).

18. Change of color — in the Brahms \textit{Haydn Variations} all written-out repeats involve a change in instrumentation. The most noteworthy example of color as a basis of variation treatment is Ravel's \textit{Bolero}, a theme with seventeen variations and a coda. Throughout this work neither melody, rhythm, nor essential harmony changes — the only change is that of color resulting from the varied instrumentation.

19. Derivation of material from preceding variations rather than from the theme directly—\textit{BHV} (meas. 60-61 derived from measure 31).

20. Use of a characteristic type (waltz, minuet, march, etc.) — \textit{BHV}, Variation 7 is a siciliano.

21. Use of the structural pattern of the theme — each of the eight variations of the \textit{BHV} has the identical structure of the theme.

22. Extension in length of variation — in Classic and Romantic works in variation form, each variation contains the same number of measures as the theme. Exceptionally, additional measures are added. Such extensions may occur by:

   a. Repetition of a phrase or section — thus, while the theme of Mendelssohn's \textit{Variations Sérieuses} is sixteen measures in length, Variations 9 and 13 are extended four measures by the repetition of the last phrase.


The last variation is generally longer and more elaborate than those preceding it. It may be a separate form in itself. In the Brahms \textit{Haydn Variations}, the Finale is a series of sixteen variants on a five-measure ostinato derived from the first theme; in Brahms' \textit{Variations on a Theme by Handel}, the final variation is a fully-developed fugue. In the course of or at the end of the final variation, whether it is an independent form in itself or simply a more elaborate variant, the theme
is often restated, as though to return the listener to the beginning of his musical journey.

A question which may occur is whether the validity of a variation is dependent on the listener's recognition or awareness of its derivation from or relation to the theme. In many variations the thematic source is not only difficult to identify aurally but is often so obscured as to be revealed only after diligent study. Thus, in the Brahms Haydn Variations the following variants of a simple descending scale line would hardly be related to the original by the listener; meas. 30-34, 244-247, and 307-310.

The lack of obvious derivation does not lessen the musical or aesthetic value of the variation, either in itself or in its contextual relationship to the work as a whole. If obvious thematic derivations are not a necessity, what then are the factors which unify a set of variations? Retention of the harmonic scheme, the correspondence of each variation to the theme in measure length and structure, a stylistic and idiomatic consistency, and programmatic associations (as in Elgar's Enigma Variations or d'Indy's Ishtar Variations) are among the important unifying elements which do not necessarily include melodic identification.

In the twentieth century, variation treatments differ in the following ways from the procedures found in typical eighteenth- and nineteenth-century examples:

1. Length of each variation—while in traditional Classic and Romantic forms each variation had the same number of measures as the theme, in twentieth-century types this is the exception rather than the rule. Thus, in Copland's Variations for piano, the variations are from eight measures (Var. 12) to fifty-three measures (Var. 20) in length.

2. Independence of harmony—the variations do not tend to follow the harmony of the theme as closely as was true in previous centuries.

3. Less direct derivation from the theme—in a relatively greater number of variations the derivation from a given theme tends to be more remote.

4. Freedom of treatment—treatment of thematic material often tends toward a development rather than variation. In the latter, adherence to an overall melodic, harmonic, rhythmic, or structural pattern preserves some association with the outline of the theme. In development, on the other hand, some single facet, a rhythmic or melodic motive derived from the theme, is used as a point of departure and is freely developed without any further
reference to the theme. The term "free variation" is sometimes used for this procedure. Examples of such free variation treatment may be observed in Nos. 2, 6, 7, and 9 of Elgar's *Enigma Variations*.

5. Color and rhythmic treatment play a proportionately greater role in the twentieth century than in eighteenth- and nineteenth-century forms.

**ASSIGNMENT**

1. Analyze in detail the Beethoven *Variations* in *Anthology of Musical Forms* (No. 16).

2. Select from the following works examples for further analysis:
   - Richard Strauss, *Don Quixote* for orchestra.
   - Copland, *Variations* for piano.
The sonatine form

The sonatine, or sonatina, is a diminutive sonata. The word is used in two senses: (a) in reference to a single-movement form, and (b) in reference to a three-movement composition. Thus, in a three-movement work titled sonatine, the first movement is in the sonatine form.

The title occurs in association with several Baroque works which are not sonatines in the presently-accepted sense. Among these is No. 10 of the third collection of the clavier works of Handel—a work nineteen measures in length and in simple binary form. Bach used the title once—in the short instrumental introduction to the Cantata No. 106, Gottes Zeit ist die allerbeste Zeit.

It was in the Classical era (1750-1827) that the definitive form of the sonatine was established. The single-movement pattern is as follows:

**Exposition**
- Introduction (rare)
- Main Theme in the tonic
- Transition (sometimes omitted)
- Subordinate Theme in the dominant
- Codetta or closing section

**Middle section**
- The middle section may be: (a) a brief development, (b) an independent episode, or (c) a retransition (a single chord, meas. 45, in Beethoven’s *Sonata*, Op. 10, No. 1, slow movement).

**Recapitulation**
- Main Theme (tonic)
- Transition
- Subordinate Theme (tonic)
- Codetta or closing section
- Coda (infrequent)
Because the outline of the sonatine and the sonata-allegro forms are so similar it is necessary to indicate the differences between these forms.

1. The material of the sonatine is less weighty and less pretentious than that which may be found in the sonata-allegro. Expansive emotion, grandeur, or pathos are characteristics foreign to the sonatine as a first-movement form. However, when the sonatine form is used for a single work, such as the Prometheus Overture by Beethoven, or in a slow movement such as that of the Beethoven Sonata, Op. 10, No. 1, a more serious content may be involved.

2. The use of an introduction is rare in the sonatine.

3. The transition between the principal and subordinate themes is sometimes omitted; when present, it is usually short.

4. The closing theme is usually a codetta or a cadence group repetition rather than an independent section.

5. The development, when present, is neither lengthy nor involved.

6. A coda, if present at all, is brief.

Some theorists, in writing of this form, state or imply that the sonatine has no development. This, however, is contrary to fact. Brief though they are, the following sections of sonatine movements are true developments: Kuhlau, Op. 20, No. 1, first movement (meas. 32-49); Kuhlau, Op. 55, No. 1, first movement (meas. 21-34); Kabalevsky, Sonatine in C major, first movement (meas. 56-95). It must be emphasized that these are typical rather than exceptional instances.

The often ambiguous use of the title is illustrated in the six Sonatinas of Dussek, Op. 20, in which the first movements of Nos. 1, 2, and 5 are simply binary patterns. Among Beethoven's works, the first movement of the Sonatine in G, Op. 79 (201 measures in length), is more truly a sonata, while the first movement of the Sonatas, Op. 49, No. 1 and Op. 49, No. 2 are more sonatine-like.

Often, in the category of teaching pieces, the sonatine is less complex and technically easier than the sonata. Exceptions are the sonatinas of Busoni, six in number, and of Ravel.

Corresponding to the one-movement sonata is the one-movement sonatine, of which the first sonatine of Busoni is an example. Its four sections include a main theme (allegro), subordinate theme (andante), development (allegro), and return of the principal theme and coda.
ASSIGNMENT

1. Make a complete analysis of two examples from *Anthology of Musical Forms* (No. 17a and b).

2. One or more of the following may be used for analysis:
   b. The first movement (sonatine) of Tchaikovsky's *Serenade* for string orchestra.
   c. The first movement of sonatines (for piano) by Ravel, Bartók, or Chávez.
Chapter xv

The sonata-allegro form

The word sonata is derived from the Italian sonare (also suonare), to sound or play, just as cantata is derived from cantare, to sing. A sonata is a particular type of instrumental work, usually in three or four movements; exceptionally it may consist of from one to five movements. Since the first movement is generally allegro in tempo, the term sonata-allegro is used to identify the pattern of this movement. However, the sonata-allegro form is also often used for the slow and final movements. To avoid confusion, the term sonata form should be used only to identify the form of the sonata as a whole.

The sonata-allegro form is the most important and highly evolved single instrumental pattern. This form is found not only in solo sonatas, but also in ensembles (duos, trios, quartets, etc.), symphonies, overtures, concertos, program works, and various miscellaneous compositions. It is in this form that the most inspired utterances of the great instrumental composers have been given expression.

The definitive formation of the sonata-allegro pattern occurs in the period of Classicism (c. 1750-1827), as exemplified in the instrumental works of Haydn, Mozart, and Beethoven. However, “sonata” has been in continuous use as a title since the middle of the sixteenth century. Many works entitled sonata have little in common either with each other or with the Classical sonata form. Sonatas by Gabrieli, Turini, Pasquini, Tartini, Domenico Scarlatti, Bach, Haydn, Liszt, Hindemith, and Prokofiev are so different from each other that one may question the existence of any common qualities which relate these works. What does justify the use of the same title for such diversified types is the fact that most sonatas are extended instrumental works, absolute (non-programmatic) and non-functional in nature, consisting of contrasting movements (or sections). Where more than two performers are involved, the terms “trio,” “quartet,” “quintet,” etc., are used rather than “sonata.” On the other hand, “sonata,” “partita,” “lesson,” “suite,” and “ordre” were virtually interchangeable as
Single-movement forms

titles during the Baroque period. Of his six works for solo violin, Bach titled the first, third, and fifth, "sonata;" the second, fourth, and sixth, "partita." Some editions simply list these as six solo sonatas.

The sonata emerges as an important instrumental form in the early seventeenth century. It is one product of the confluence of three Baroque trends: (a) the secularization of expression; (b) the establishment of a tonal idiom, replacing modality; and (c) the perfection of instruments, particularly those of the violin family.

Before the seventeenth century, art music had been predominantly vocal, and, notwithstanding madrigals and other secular forms, was essentially a function of liturgical expression. The secularization of expression leads on the one hand to the opera; on the other, it makes possible an art music without a text, a music of abstract expression, rather than of word-borne emotion. Previously, instrumental music had been either an adjunct of vocal music, as in the thirteenth-century motet, or it had been used in the performance of folk-like dances or dance-derived forms, as in the estampie. Though the Baroque stile rappresentativo was concerned with the expressive setting of a text for a solo voice, it eventually pointed the way to the expressive possibilities of textless music for a solo instrument.

The establishment of tonality with clearly-defined relative chord and key areas, particularly the dominant, subdominant, and related minor and major, was a necessary prerequisite for a form in which contrasting tonal centers as much as contrasting melodies outlined the pattern. As tonality replaced modality, so too did homophony replace counterpoint. The gradual evolving of the sonata-allegro form until its consummation in the works of the Viennese School spans three periods—the Baroque, Rococo, and Classical. By the middle of the eighteenth century, a predominant top-line melody based on contrasting themes differentiates this instrumental form from earlier contrapuntal types, such as the fugue or toccata, which were based on a single motive or subject.

Since the sonata is exclusively an instrumental pattern, it is obvious that the development of instruments is necessarily closely associated with the evolution of this form. From this viewpoint, the perfection of the violin in Italy during the seventeenth and early eighteenth centuries is most important. The first school of violin playing developed in Italy in the early seventeenth century, and the early history of sonata form is to be found in the works by violinist-composers of this school: Rossi, Fontana, Legrenzi, followed by Valentini, Vitali, Bassani, Tartini, Vivaldi, and others. As Baroque passed into Rococo and Classicism, the character of the sonata changed, the center of creative activities shifted from Italy to Germany, and the harpsichord, followed by the piano, replaced the violin as the most important instrument.
The sonata-allegro form

using the sonata form.

In the sixteenth century, instrumental forms were at first patterns borrowed from or based on vocal forms. The instrumental canzona was originally a work based on, or simply transcribing, a vocal work. Perhaps the earliest example is Tsaat Een Meskin (A Maiden Sat), 1501, by Obrecht (1452-1505) (HAM, Vol. I, No. 78). From about 1540 the form, and often themes, of the French chanson were transferred from a vocal medium to the organ (canzona d'organo). Thus, Cavazzoni's organ canzona, Falte d'Argens (1542-43), is based on the theme of a chanson, Faulte d'Argent, by des Prés. From about 1580, the canzona form is frequently used for instrumental ensembles (canzona de sonare). A work for four viols (1589) by Andrea Gabrieli, though titled Ricercar, is actually such a canzona. The organ canzona developed into the fugue; the instrumental canzona, with the contrast between the sections increasing, developed into the sonata.

Sonadas as a title for instrumental dances appears in the lute collection Villancicos y Sonadas (1534) of Luis Milan. The first known use of sonata as a title is found in the Sonata per Liuto (1561) of the blind Italian lutist, Giacomo Gorzanis, where it is associated with a set of paired dances.

Evolution of the sonata

In its evolution from the canzona, the sonata form passed through numerous stages:

1. Transition from a contrapuntal, imitative texture of polyphonic canzona to a principal melody with bass (continuo style).
2. Three- to five-movement forms, the first and last being a fugal allegro—from around 1650.
3. Sonata da camera—title first used by Johann Rosenmüller (1667).
4. Sonata da chiesa—a four-movement form, in which tempo indications replace the dance titles and character of the "da camera" type (c. 1687).
5. First keyboard sonata (da chiesa type) by Johann Kuhnau (1692).
6. Sonatas for one, two, three, or four performers by H. Biber and J. S. Bach.
7. Three-movement scheme of fast-slow-fast from the Neapolitan Sinfonie (Italian Overture) of Alessandro Scarlatti.

10. Sonata form used in four principal categories by Classic composers—solo, chamber music, symphony, and concerto; the solo sonata and concerto in three movements; the ensemble sonata and symphony in four movements.

11. Beethoven four-movement solo sonata; scherzo movement replaces minuet; addition of voices to symphony.


13. Cyclic treatment—Beethoven, Op. 81a; Schumann, Symphony No. 4; Franck, Symphony in D minor, and others.

14. Free-form sonata of the twentieth century—Hindemith, Sonata No. 1; Prokofiev, Sonata No. 7.

**Structural origins of the sonata-allegro form**

The origins of what we now term the sonata-allegro or first-movement form are found, paradoxically enough, in the last movements of sonatas for violin and for harpsichord by composers of the late seventeenth and early eighteenth centuries. In the four-movement Baroque sonata, the first movement was in slow tempo; the second was an allegro, often imitative in character; the third, an aria or other slow-movement type; and the last, an allegro movement.

The influence of the suite is to be noted in the following procedures found in many Baroque and early Rococo sonatas: (a) the repetition of both halves of the movement; (b) the practice of beginning the second half of the movement with a dominant or a relative major transposition of the opening phrase or subject; and (c) the use of motives or subjects (rather than themes), often treated imitatively.

A significant change occurs when themes replace subjects. The principle of contrast in the Baroque suite and sonata applied to difference in key areas but not to subjects; by the second quarter of the eighteenth century it applied to differences in themes. Contrasting tonal areas and contrasting themes are found in the last movements of violin sonatas by Geminiani, Locatelli, Veracini, and Tartini, among others. A typical pattern in the last movement is the following:

| || | Section I (M.T.) | Section II (S.T.) |
|---|---|---|---|
| || | (Tonic) (Related key) |
| || | Transposition of Development |
| || | beginning of Section I (to Dominant, or related key) |
This form is used also by Scarlatti in many of his single-movement sonatas—the Sonata in G (AMF, No. 18a) is a representative example; the Sonata in F minor (AMF, No. 18b) illustrates the use of a ternary pattern.

The last movements of many of the clavier sonatas of W. F. Bach and C. P. E. Bach use the form outlined above. In the finale of Symphony in D major (1740) by Georg Monn, a modification of great significance occurs: the main theme returns almost unobtrusively after the development, followed by the subordinate theme transposed to the tonic.

A turning point is represented in the Clavier Sonata in G, Op. 17, No. 4, by J. C. Bach. In this work, the pattern which we have been discussing is now found in the first movement. The development begins with the dominant transposition of the main theme. As in the Monn example, the main theme returns after the development, but here quite emphatically. The transition material and the subordinate theme follow, transposed to the tonic. The reappearance of the main theme and subordinate theme after the development signifies the change from a binary pattern, as illustrated in the diagram above, to the ternary pattern of the sonata-allegro.

It is in Haydn’s works that the final crystallization of the sonata-allegro form occurs. Instead of both halves of the movement, only the first, the exposition, is repeated. Although some developments in Haydn (and Mozart) still begin with the dominant transposition of the main theme, this is no longer a set formula. The development freely transposes, combines, and extracts fragmentary material from the exposition. The texture is predominantly homophonic; instead of subjects treated in imitation we find themes based on a phrase-period pattern. The dynamic contrast of the main and subordinate themes becomes clearly established: the principal theme, assertive and emphatic; the second theme— influenced by the vocal line of the opera—lyric and sentient. The key relationship becomes established: M.T. in tonic major—S.T. in dominant, or M.T. in minor—S.T. in relative major.

The transposition and fragmentation of exposition material in the sonata-allegro development derives from the kind of motivic treatment which occurs in the Baroque suite movement immediately after the double bar. It is here that sequence, imitation, and transposition of previously established material are extensively used. The transposed recurrence of larger units, from a phrase to a complete section, is reserved for the latter portion of the movement. However, the technique of fragmentation was not applied indiscriminately to all Baroque dances. Suite movements taken over from the French ballet—the minuet, bourrée, and gavotte—retained much of their original dance char-
acter and were less worked out; the older suite movements—allemande, courante, sarabande, and gigue—had become less dance-like and more stylized and were therefore more susceptible to development. It is from developmental procedures found particularly in these older dances that the sonata-allegro development treatment is derived.

From the canzona through the sonata da camera and sonata da chiesa, the early history of the sonata is found in the pages of Italian violin music of the seventeenth and early eighteenth centuries. As the Classic sonata succeeds the Baroque, predominance in instrumental music shifts from Italy to Germany and Austria, and the harpsichord and piano supersede the violin as the principal solo medium in this form.

Outline of the sonata-allegro form

Introduction (Optional)

EXPOSITION
(Repeated) Principal Theme—Tonic Transition Subordinate Theme—Dominant or related key Codetta or closing section

DEVELOPMENT—Sectional form Retransition

Principal Theme—Tonic Transition Subordinate Theme—Transposed to tonic Codetta or closing section

Coda

The introduction

The introduction in the sonata-allegro form is optional. Introductions are relatively more frequent in orchestral movements which use this form (whether in symphonies or in single-movement works, such as overtures) than in solo sonatas. Of Beethoven's thirty-two piano sonatas, only four have introductions; of the nine symphonies, four have slow introductions of some length (Nos. 1, 2, 4, and 7) while No. 9 has a sixteen-measure anticipatory introduction in the tempo of the movement.

A century of Romantic music may lead us to assume that the introduction to a sonata or symphony almost necessarily contains motives or themes which will appear in the movement proper, but in works by Haydn, Mozart, Beethoven and their contemporaries this is very
much the exception rather than the rule; in the slow introductions which occur in the symphonies of these composers, the thematic material is independent in nature. In Haydn’s *Symphony No. 103* in E-flat (“Drum Roll”) and in Beethoven’s piano *Sonata*, Op. 13, the slow introduction recurs as an independent unit in the middle of the movement; in neither case is there that anticipation of thematic material or use of “motto” themes such as is found in Brahms’ *Symphony No. 1* (first and last movements), Tchaikovsky’s *Symphony No. 5* or 6, the Schumann *Symphony No. 4*, or Franck’s *Symphony* in D minor. Among exceptional Classical compositions in which the theme of an introductory adagio anticipates the main theme of the first movement are the symphonies No. 90 and 98 by Haydn.

The structure of the extended introduction in a slow tempo is generally sectional and may be a group form. An analysis of the introduction to the first movement of the Brahms *Symphony No. 1* in C minor, Op. 68, shows: section I (meas. 1-9)—contrasting period; section II (meas. 10-24)—phrase group (A A’ B); section III (meas. 25-38)—phrase group (A B B’).

The first five measures of the Allegro (38-42) constitute an additional introductory phrase, using the “motto” theme.

Analyze the introductions of the following:
- Mozart, *Symphony* in C major (“Jupiter”), K.551
- Beethoven, *Symphony No. 1* in C major, Op. 21
- Tchaikovsky, overture, *Romeo and Juliet*

**The principal theme**

The principal theme of a sonata or symphony immediately establishes the character of not only the first movement, but of the whole work. The possible variety of mood, rhythm, meter, melodic contour, harmonic content, and tempo is limitless. Themes of sonatas in the Classic and Romantic tradition (this includes chamber music and orchestral works as well as solo works) will most often contain significant motives which may be isolated and developed. The sharp, even jagged, contour of the motives in many principal themes of the Classical period results in a characteristic angularity and a dynamic, assertive character:
Motivic construction in a Romantic theme is illustrated in the first movement of Tchaikovsky's Symphony No. 6:

More lyric themes, sometimes almost folk-like in character, may occasionally be found. Brahms, in particular, was fond of this type:

Refer also to the lyric quality of the principal themes of the first movements of such works as Brahms' Symphony No. 4 and Mahler's Symphony No. 4.

Most frequently, however, in order to establish and emphasize a contrast with a lyric second theme, the principal theme will be more active and energetic. Whatever its nature, it will have individuality and character. In a sense, any theme may be developed; the criterion of a good main theme is not that it may be developed, but that it demands development.

The form of the principal theme may vary from a phrase to a three-part song form.

The principal theme as a phrase (repeated) can be found in the first movement of Beethoven's Sonata, Op. 31, No. 3—AMF, No. 19
The principal theme as a period is exemplified in Beethoven's *Sonata*, Op. 2, No. 3, first movement (meas. 1-17—period with repeated consequent). In another Beethoven *Sonata*, Op. 10, No. 1 (meas. 1-30), the principal theme is a three-part song form.

The principal theme may come to a definitive cadence, be followed by a codetta, or lead into a transition by a process of dissolution.

**The Transition**

The transition may be a simple bridge passage, as in Beethoven's *Sonata*, Op. 2, No. 1, first movement (meas. 15-20), or it may be a transitional episode, consisting of one or more sections—*AMF*, No. 19 (meas. 25-45). Occasionally an independent episode may occur, such as in Beethoven's *Sonata*, Op. 2, No. 3, first movement (meas. 13-26).

Most frequently, the transition (particularly in solo or ensemble sonatas) will consist of or contain passage work. Material from the main theme may also be used in the transition, an example of which is found in *AMF*, No. 19 (meas. 18-25).

**The subordinate theme**

In tonal music, particularly of the eighteenth and nineteenth centuries, the subordinate theme is traditionally in the dominant if the main theme is in major or in the relative major if the main theme is in minor. Numerous exceptions occur, not only in the later nineteenth century, but also in Beethoven's works. Exceptional key relationships are found in the first movements of: Beethoven's *Sonatas*, Op. 2, No. 2 (M.T., A major—S.T., E minor), Op. 2, No. 3 (M.T., C major—first S.T., G minor), Op. 31, No. 2 (M.T., G major—S.T., B major), and Tchaikovsky's *Piano Concerto* in B-flat minor (M.T., B-flat minor—S.T., A-flat major).

In character, the subordinate theme is most frequently lyric and expressive. The contrast with the main theme is therefore one of key, character, and melody.
In some instances, themes which are seemingly quite contrasting may be shown to be related by being derived from a basic tone-pattern or contour. The relationship is difficult to recognize immediately because it is not based on an obvious repetition, sequence, or transposition of a consistently recognizable motive, but on a transformation in which altered rhythms and interpolations disguise the derivation. This type of transformation is illustrated in Ex. 171.

In the sonata-allegro form of the early Classic period it was not unusual for the subordinate theme to be the dominant transposition of the main theme. This is illustrated in the first movement of the Haydn String Quartet, Op. 74, No. 1 in C major, the symphonies Nos. 84 and 85, and in the last movement of Mozart’s Symphony in E-flat (K.543).

While the sonata-allegro form contains but one principal theme, the subordinate section may consist of one or more themes. A subordinate group is found surprisingly often but not by any means in a majority of works. The single subordinate theme may be from a period to a song form in length. The subordinate theme of the first movement of the Beethoven Sonata, Op. 31, No. 3 (meas. 49-53) is a period in length; that of the first movement of Tchaikovsky’s Symphony No. 4 (meas. 89-160) is in itself a first rondo form.

Two subordinate themes are found in the first movement of Beethoven’s Sonata, Op. 7, (S.T. I—meas. 41, S.T. II—meas. 59) and three subordinate themes are found in the first movement of Tchaikovsky’s Fifth Symphony.

The subordinate theme may be followed by a closing theme of one or more sections (AMF, No. 19, Section I, meas. 64; Section II, meas.
The sonata-allegro form

78) or a codetta, consisting primarily of cadential material (Mozart, Symphony in C major—meas. 111-120). In exceptional instances, a portion of the principal theme may return at the end of the exposition.

In eighteenth- and nineteenth-century music, the exposition was most frequently followed by a double bar repeat sign. The repetition of the exposition was a survival of a procedure taken over from the suite. In the latter, both halves of a movement were often repeated and, as we have noted, this practice was followed in Baroque and Rococo sonata movements.

The exposition may close with (a) an emphatic cadence, (b) a bridge passage leading to the repetition of the exposition, or (c) a bridge passage leading to the development. If the same passage is not used for (b) and (c), first and second endings are employed. Occasionally, movements in sonata-allegro form do not have the repeat sign following the exposition. In overtures employing the sonata-allegro form, there is no indication for the repetition of the exposition.

The development

The middle portion of the sonata-allegro form is called the development or fantasia section. The material used in this division is almost altogether derived from material first presented in the exposition. Choice of material, method of treatment, structure, key relationships, order of presentation—all these are at the discretion of the composer, and are a reflection of his own taste and judgment. The length of the development is approximately that of the exposition. The form is sectional, the number and length of each section being optional within certain limits. Each section will usually be terminated by some form of a cadence, obviously not too emphatic, and will be distinguished from preceding and following sections by rhythmic, melodic, register, or dynamic characteristics. Though the development is the most contrived section of the movement, the skill of the composer leads to the impression that this section is truly an orderly series of spontaneous associations.

Since the restatement of the principal theme in the tonic is a terminal objective of the development, the usual tendency is to avoid the tonic as a key center in this section. A rare exception is to be noted at the beginning of the development of the first movement of the Beethoven piano Sonata, Op. 31, No. 3 (AMF, No. 19, meas. 89).

In the development section the following procedures are applied, either singly or in combination, to material from the exposition:

Change of
1. key
2. mode
Single-movement forms

3. harmony
4. texture
5. dynamics
6. character (legato, staccato, etc.)
7. instrumentation (color)
8. register
9. accompaniment pattern

Employment of
10. varied rhythms
11. augmentation or diminution of rhythm
12. augmentation or diminution of interval
13. canonic treatment
14. fugal treatment
15. free imitation
16. contrary motion
17. retrograde
18. inverted counterpoint
19. repetition of a figure or motive
20. sequence of a figure or motive
21. simultaneous combination (counterpointing) of motives or themes from different portions of the exposition

In the superb development section (meas. 152-398) of the first movement of Beethoven’s Symphony No. 3 (“Eroica”) almost all of the above treatments may be observed. Rarely, new material which has not appeared in the exposition may be treated in the development. One such instance is a phrase in the first movement of Mendelssohn’s Symphony No. 4 (meas. 202-205) which, after being used considerably in the development, returns in the recapitulation.

Essentially, there are three basic categories of development treatment:

1. Transposition—a considerable segment of material from the exposition is restated in another key, with little or no alteration beyond change of tonality. Beethoven’s Sonata, Op. 2, No. 1, first movement, measures 49-55 are a transposition of material from measures 1-6, and 56-63 a transposition of 21-27.

2. Transformation—material from the exposition is modified to some degree without, however, destroying its recognizable identity. In Beethoven’s Symphony No. 3, first movement, measures 187-206, a new counterpoint is set against a sequence of a motive derived from the first two measures of the main theme.

3. Metamorphosis—a much more radical alteration than in (2) occurs. By reason of tempo, rhythm, or interval change (singly
or in combination), the original character of the material is altogether altered. In Brahms' Symphony No. 4, first movement, measures 169-184 are a radical alteration of the main theme. In Debussy's String Quartet, compare the following measures with the first two measures of the first movement: first movement, 152-155; second movement, 56-59, 124-128, 148-149; fourth movement, 125-133, 141-144.

The end of the last section, or the complete last section of the development, is a retransition (AMF, No. 19, meas. 128-136). Very often the retransition is anticipatory. Examples of anticipatory retransition are found at the end of the developments of the first movements of Beethoven's Sonata, Op. 2, No. 2, Mendelssohn's Symphony No. 4, Mahler's Symphony No. 4, and Dvořák's Symphony No. 5.

The recapitulation

The return of the themes, principal and subordinate, which constitute the exposition is termed the recapitulation. The principal theme returns in the original tonic; such alterations as may occur are usually inessential. The transitional or episodic material between the principal and subordinate themes may be shortened, particularly if it originally contained material from the main theme (AMF, No. 19, compare meas. 153-169 with 17-45).

Rarely, as in the last movement of Beethoven's Sonata in C-sharp minor, Op. 27, No. 2, the transition between principal and subordinate themes may be omitted altogether.

In tonal music, the subordinate theme in the recapitulation is traditionally transposed to the tonic. In those sonatas of Beethoven in which the subordinate theme in the exposition occurs in a mediant or submediant key, the restatement may avoid the tonic. In the first movement of his String Quartet in B-flat, Op. 130, the subordinate theme (meas. 53-70) occurs first in G-flat, and in the recapitulation in D-flat. The closing section, in the dominant in the exposition, is transposed to the tonic in the recapitulation.

The coda

The recapitulation is generally followed by a coda. Before Beethoven, the coda was not of considerable length; its primary function was to terminate a movement gracefully and expeditiously. It often was little more than a brilliant amplification of the cadence. The coda terminating the first movement of Mozart's Symphony in E-flat major, K.543 (last sixteen measures) illustrates the brevity this part of the form could have in early Classicism. There is no coda at the conclusion of Haydn's Symphony in G major ("Surprise"), first movement, as the last three measures are an extension of the
Single-movement forms

cadence of the closing theme (meas. 249-255).

The last movement of Mozart’s Symphony in C major, K.551, contains his most extended and elaborate coda (meas. 366-424), a contrapuntal tour de force which combines the five principal motives of the movement with incredible virtuosity.

The comparison of the forty-one measure coda in Beethoven’s Sonata, Op. 2, No. 3 with the closing theme extension terminating the first movement of Sonata, Op. 2, No. 1 exemplifies how soon the coda began to assume a significant function in his works. The codas of the Symphony No. 3 (meas. 557-691) and Symphony No. 9 (meas. 427-547) are veritable second developments.

Like the development, the extended coda is divided into sections. In the finale of Brahms’ Symphony No. 1 the coda is no mere epilogue, but a true consummation of not only the movement but of the whole work. A study of its six sectional divisions will show the mastery of this conclusion.

The introduction of new material in the coda, a comparatively rare occurrence, may be observed in the first movement of the Berlioz Symphonie Fantastique and Schumann’s Symphony No. 1 in B-flat major.

Exceptional procedures

Exceptional structural treatments in the sonata-allegro form are found in the works of Classic as well as late nineteenth- and twentieth-century composers. Included in these are the following:

1. Omission of the principal theme in the recapitulation—Chopin’s Sonata in B-flat minor, Op. 35, first movement; Schumann’s Symphony No. 4 in D minor, finale; Smetana’s String Quartet “Aus Meinem Leben,” first movement; Prokofiev, Sonata No. 7, Op. 83, first movement.

2. Return of the principal or subordinate theme in a key other than the tonic—Mozart’s Sonata in C major, No. 15, first movement (the principal theme returns in F major); Scriabin’s Sonata No. 5 (both themes transposed up a fourth).

3. Return of the subordinate theme before the principal theme in the recapitulation, sometimes referred to as the reversed recapitulation—Mozart’s Piano Sonata No. 3 in D major, first movement; Dvořák’s Piano Quartet in E-flat, Op. 87, first movement; Hindemith’s Sonata for violin and piano (1935), first movement.

4. The “axis” relationship of subordinate and main themes where-in the subordinate theme, a given interval below the principal theme in the exposition, returns at the same interval above the
principal theme in the recapitulation (or vice versa) — Hindemith’s *Sonata* for flute and piano (M.T.—B-flat major, S.T.—G-sharp major in the exposition and C major in the recapitulation).

5. Omission of the recapitulation, the development being followed directly by the coda — Beethoven’s overture, *Leonore*, No. 2.

6. Use of an inductive rather than a deductive approach. The usual method of thematic statement and development involves the presentation of a theme and subsequently its fragmentation, a process wherein material or motives “deduced” from the theme are used in the construction of development sections or auxiliary members. Sibelius, using an opposite approach, presents preliminary motives or fragments which are finally integrated into a thematic unity, often in the development. This procedure, which becomes an established technique in the Sibelius *Second Symphony*, is anticipated in the first movement of Borodin’s *Symphony No. 1*. The manner in which this procedure is applied is illustrated in the following excerpts from the first movement of Sibelius’ *Second Symphony*:

![Musical Excerpt](image)
Single-movement forms


7. Mosaic treatment — a procedure exemplified particularly in Gustav Mahler’s symphonies. Motives varying in length from three notes to several measures are employed, sometimes homophonically and sometimes polyphonically. The term mosaic is used because of the juxtaposition of these motives, which, in succession and in combination, produce the pattern of the movement. Illustrated in the Anthology of Musical Forms are the first two pages of the Symphony No. 4 in G major, which utilize seven of the basic motives of this work. The mosaic treatment of Mahler differs from the inductive method of Sibelius in the fact that motives and themes in Mahler maintain their independent identity, whereas in Sibelius they are fused in the evolvement of a new, extended melody.

ASSIGNMENT

1. Analyze in detail the sonata-allegro form given in Anthology of Musical Forms, No. 19.

2. Analyze one or more of the following examples:
   Mozart, Eine Kleine Nachtmusik, first movement.
   Brahms, Symphony No. 1, first movement.
Section 4

Contrapuntal forms
Contrapuntal techniques

Counterpoint may be defined as the combining of two or more rhythmically and melodically distinctive parts. The term “polyphonic” is often used as synonymous with contrapuntal. The word counterpoint is derived from the Latin punctus contra punctum (“point against point”), the word puncta signifying note. The appearance and development of counterpoint in the musical culture of the West is not only the beginning of the science and the art of Western music, but it is also the demarcation which separates Western music from the predominantly monodic music of the Orient.

In Western music, the first deliberate and conscious simultaneous combination of melodic lines occurs in the device termed organum. The first documentary evidence we have of this procedure is in a ninth-century treatise Musica Enchiriadis (Handbook of Music). As will be noted in the table of forms in music history, polyphonic music from the ninth through the fourteenth centuries was based not on a major-minor tonal scheme but on a system of modes. The names of these modes, taken from Greek theory, were applied to octave scalar patterns which are termed the Medieval Church Modes.

By the middle of the sixteenth century the Ionian mode, corresponding to our major scale, was recognized. By that time the actual modes in use were the Ionian, Dorian, Phrygian, Mixolydian, and Aeolian, the last equivalent to our natural minor. From the ninth to the end of the fourteenth centuries the vertical “consonances” were the unison, fourth, fifth, and octave. From the fourteenth to the late sixteenth centuries, thirds and sixths were included as accepted “consonances.”

The harmonic basis of music changed in the seventeenth century. Tonality rather than modality became the foundation of Western music. The word mode now acquired a new meaning—it was applied to the two different scale patterns and their derivatives in tonal music, the major mode and the minor mode. Tonality associated with
Contrapuntal forms

triadic groupings remained the basis of Western music from 1600 to 1900.

In both modality and tonality, each scale pattern is heptatonic—composed of seven essential tones. In the twentieth century, however, non-heptatonic scales of various constructions and combinations are used. Duodecuple scales in which each of the twelve tones are functionally essential, polytonal combinations, and neo-modal combinations (using both medieval and synthetic modes) are included in the techniques of this century.

The following diagram relates idiom, chronology, and accepted consonances from 800 to the present:

<table>
<thead>
<tr>
<th>Idiom</th>
<th>Modality</th>
<th>Tonal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronology</td>
<td>800</td>
<td>1400</td>
</tr>
<tr>
<td>Consonance</td>
<td>Unison</td>
<td>Triadic music</td>
</tr>
<tr>
<td></td>
<td>Fourth</td>
<td>Addition of consonant third</td>
</tr>
<tr>
<td></td>
<td>Fifth</td>
<td>and sixth</td>
</tr>
<tr>
<td></td>
<td>Octave</td>
<td></td>
</tr>
</tbody>
</table>

While the specific vocabulary —the idiom—has changed in the manner indicated in the chart above, contrapuntal devices and techniques remain unaltered. A strict canon may be modal, tonal, or duodecuple, and imitation is imitation whether found in Obrecht, Palestrina, Bach, Hindemith, or Schönberg. The basic devices used in counterpoint are as follows:

1. **Sequence**—the recurrence of a pattern on successively different degrees of the scale in the same voice.

2. **Imitation**—the recurrence of a motive in a second voice immediately after its occurrence in the first. Imitation is strict when it adheres exactly to the intervallic and rhythmic relationships of the first statement; free when it does not.
3. **Repetition** — the immediate recurrence of a motive in the same voice or voices.

4. **Augmentation** — the multiplication in uniform ratio of the time value of each note and rest of a given motive or theme.

5. **Diminution** — the reduction in uniform ratio of the time value of each note and rest of a given motive or theme. In the following example, note that the middle and upper voices are each a diminution of the bass.

6. **Retrograde** (*Cancrizans, Crabwise*) — the reproduction of a motive in reverse order. The following excerpt is from a three-voice composition forty measures in length. Measures 21-40 of the contratenor part are the retrograde of 1-20. The other two voices are the retrograde of each other.
7. **Contrary motion** — the consistent reversal in melodic direction of the tone successions of a motive.

A specific type of contrary motion is one in which not only the size of the interval (its quantity) but the exact degree (its quality) is retained in the contrary motion. When this type of contrary motion is used against the original motive it is called a mirror treatment.

8. **Inverted counterpoint** — the mutual inversion of parts, so that the upper part becomes the lower and vice versa. If two parts are involved, the term double counterpoint is used; if three parts, triple counterpoint, etc.
9. Organ point (or pedal point) — the use of a tone of some length, usually in the bass but also possible in an inner or upper part, which is prolonged against changing harmonies. Also known as bourdon or drone, it is found in primitive music as well as in the music of more highly-developed cultures.

10. Change of mode — in tonal music, the recurrence of a minor motive in major or vice versa.

   Anthology of Musical Forms, No. 29a (meas. 1-2, theme in C minor; meas. 11-12, theme in E-flat major).

11. Transposition — the recurrence of a section or a portion of a section in a new key.

   Bach, Two-Voice Inventions, No. 6 — meas. 21-27 is the dominant transposition (and double counterpoint) of meas. 1-8; No. 8 — measures 26-34 are measures 4-12 a fifth lower.

12. Stretto — an overlapping imitation, occurring when the second voice begins a motive before the first voice has completed its statement.
Contrapuntal forms

Before approaching specific contrapuntal forms, the general concept of form in contrapuntal music must be clarified. Polyphonic works do not tend to conform to pre-established patterns as do homophonic compositions. For example, despite many internal variants, the sonatas and symphonies of Haydn, Mozart, and Beethoven have more than a generic similarity — at corresponding points, main themes, subordinate themes, development, and recapitulation do occur. In this sense, inventions and fugues are forms only in their expositions. After the exposition, the number of sections, key relations, and pattern constructions are (within broad limits) entirely optional. For this reason, the fugue has sometimes been termed a texture or a procedure rather than a form. Another distinction that must be made between homophonic forms (particularly of the Classic and Romantic schools) and polyphonic imitative forms is that the latter are based on motives or subjects, one-half to eight measures in length, as opposed to homophonic themes of the phrase-period type which may be from eight to as many as forty measures in length.

Finally, the Baroque imitative forms are most frequently monothematic, involving a technique of continuous expansion, a discursive or additive treatment of a single motive. Classic and Romantic homophonic forms are based on contrasting principal and subordinate themes.

ASSIGNMENT

Find examples of basic contrapuntal devices in the following works:

1. *Anthology of Musical Forms*, No. 21b; No. 22b; No. 27.
2. Motets of Palestrina and de Lassus (modal).
3. Inventions and fugues of Bach (tonal).
4. *Ludus Tonalis* of Hindemith (duodecuple, with a tonal center).
Chapter xvii

Imitative contrapuntal forms
Canon— invention— fugue

The word canon is derived from a Greek word meaning law or rule. The canon is a form in which a melody is strictly imitated by one or more voices after a given time and at a particular interval. The most rigid of forms, it is often an exercise in ingenuity; it has nevertheless been a means of expressive communication, not only in the works of composers primarily concerned with pattern, but also in the works of Romantic composers, ostensibly more directly concerned with content. The part which begins the canon is called the leader or proposta; the imitating part is termed the follower, or risposta.

While canonic singing is found at the most primitive level, it is often accidental rather than intentional. In Western music, the canon is an outgrowth of imitation. The works of the Notre Dame composer Pérotin (c. 1225) are among the first to show the deliberate use of imitation. Some thirteenth-century motets also utilize imitation; subsequently, Landini, Dunstable, and Hugo de Lantins, among others, employed imitation increasingly. By the fourteenth century, the canon as a form became a reality.

Since the fourteenth century, the canon has been used by composers in every style and period and, like other contrapuntal procedures, is a favored device in serial or tone-row music.

The canon may be used for a complete work or movement (Casella, Children’s Pieces, No. 2; Schumann, Op. 68, No. 27; Brahms, Thirteen Canons for women’s voices, Op. 113), for a section of a work (Bach, Two-Voice Inventions, Nos. 2 and 8), or in a theme (Franck, Sonata in A for violin and piano, last movement; Beethoven, Symphony No. 4, first movement, meas. 141-149). In Bach’s Goldberg Variations, every third variation is a canon, successively in the unison, second, third, etc.

Canons are classified (a) according to the interval of imitation —
Contrapuntal forms

canon at the unison, fifth, etc., and (b) according to the time-distance between leader and follower — as canon of a measure, two measures, etc.

Types of canons include:

1. *Canon in direct imitation.* Direction, rhythm, and intervallic relationship are retained identically in the imitating voice or voices. The most familiar example of this type is the round.

![Ex 141](Bizet, L'Arlesienne, "Farandole"

**Allegro deciso**

2. *Canon in augmentation.*

![Ex 142](J. S. Bach, Chorale Variations, "Vom Himmel hoch"

3. *Canon in diminution.*

![Ex 143](Brahms, Sonata, Op. 5, finale

(A allegro moderato)

(Piu mosso)

4. *Canon in contrary motion.*

![Ex 144](J. S. Bach, Art of the Fugue, Fugue VI

(contrary motion and diminution of bass)

5. *Canon in retrograde* (crab canon, canon cancrizans).
Imitative contrapuntal forms


(The bass is the exact contrary motion of the soprano.)

7. Double canon. Two canons, each using a different leader, proceeding simultaneously.

8. Mensuration canon. A type particularly in favor during the fifteenth and sixteenth centuries. Three or more versions of the same melody begin simultaneously but proceed in different rhythmic proportions.
9. **Accompanied canon.**
Bach, canons in the *Goldberg Variations*
Franck, *Sonata* for violin and piano, last movement
Schumann, Op. 68, No. 27

*Sumner is icumen in*

10. **Puzzle canon.** Frequently, only one line is given and the problem to be solved is at what interval and after what time the following voices enter. In some instances, verbal indications provide a sometimes subtle clue to the solution.
Bach, canons in *Musical Offering*
Dufay, *Missa L’Homme armé*, Agnus Dei III (*HAM*, No. 66c, p. 72)

**ASSIGNMENT**

Analyze in detail any of the canons referred to in this chapter.

**Invention**

This form is associated with, and derives directly from, the works of Bach. Before Bach the title was used by G. B. Vitali (c. 1689) for compositions which employed various technical artifices and by Bonporti (c. 1714) as a synonym for suite. Bach used the title for a collection of didactic keyboard works written in 1723. Fifteen, in two parts, were titled inventions and fifteen, in three parts, sinfoniae; these are now commonly known as *Two- and Three-Part Inventions*. It is possible that the predecessors of the Bach inventions were the *ricercari a due voci* of the seventeenth century — two-voice vocal compositions without text and in imitative counterpoint. These were in the nature of vocal exercises.

As used by Bach, the invention is an imitative instrumental form for two or more parts. Its motive (or subject) is from one-half measure to four measures in length. The form is sectional. In the first section, termed the exposition, the motive appears at least once in each of the parts. Its first announcement may be accompanied or unaccompanied. If there is an accompanying voice the counterpoint may be essential, constituting a part of almost coordinate importance (Bach, *Two-Voice Invention*, No. 6), or inessential, being a non-thematic counterpoint (Bach, *Two-Voice Invention*, No. 13).

The first imitation of the motive is called the answer. Unlike the fugue, the interval of the answer is optional. In the two-voice invention, the answer occurs at the octave or fifth; in the three-voice invention, the most frequent succession is tonic-dominant-tonic. In No. 2 and No. 5 of the three-voice inventions the exposition is incomplete; No. 5 is actually an accompanied two-voice invention.
It is noteworthy that, while in some of the two-voice inventions the subject is introduced without an accompanying voice, the first announcement of the subject in each of the three-voice inventions invariably appears with a counterpoint.

The number, length, and modulatory scheme of the sections after the exposition is optional. The total number of sections is usually three or four, the length of each section varying from six to ten measures. The basic techniques used are imitation, sequence, and double counterpoint. Each section is terminated by an authentic cadence — without any pause, however, in the rhythmic movement.

This form is also used by Bach in some of the preludes in the *Well-Tempered Clavier* (Vol. I, Nos. 3, 4, 9, and 11) and in some of his choral preludes for organ.

In the twentieth century, the invention form has been revived, particularly in works using a serial technique. Among these are *Inventions* by Ernst Krenek for piano.

**Assignment**

1. Study No. 20a and analyze No. 20b in the *Anthology of Musical Forms*.

2. Analyze the expositions of the fifteen two-voice inventions by Bach, according to the following outline:
   a. length of motive
   b. interval of answer
   c. nature of the counterpoint to the answer
   d. length of the exposition

3. Analyze the expositions of at least three of Bach's three-voice inventions according to the above outline, taking note of the third announcement of the subject in the exposition.

4. Analyze in detail No. 3 and No. 9 of the three-voice inventions of Bach.

**Fugue**

The word fugue is derived from the Latin *fuga*, flight. The fugue is a polyphonic work for two or more voices or instruments which develops, by contrapuntal means, a subject or motive. The most highly-evolved imitative form, it stands in the same relation to Baroque music that the sonata-allegro form does to the music of Classicism. The most important collection of fugues is the two-volume *Well-Tempered Clavier* of J. S. Bach.
Evolution of the fugue form

Before its perfection as a form in the works of Bach, the fugue evolved through the following phases:

1. Thirteenth century — beginning of imitative counterpoint in works by Pérotin; appearance of stimmtausch (double counterpoint).

2. Fourteenth century — canonic treatment in the caccia, chace, rondellus, and rota.

3. Fifteenth century — more extensive use of imitative counterpoint by Ockeghem and Obrecht.

4. Sixteenth century:
   a. The motet form of Josquin des Prés (c. 1500) consisting of short sections, each section treating its own subject imitatively.
   b. Transfer of motet technique to organ in the organ canzona, the polythematic ricercari of Cavazzoni (with reduction in number of subjects, longer sections, and more frequent recurrence of subjects), and monothematic ricercari of Luzzasco Luzzaschi.

5. Seventeenth century — the term fuga came to be used as a generic term for imitative works. The emerging fugue is revealed in a title, Fugen, oder wie es die Italienner nennen, Canzone alla Francese (“Fugues, or as they are called by the Italians, French Canzonas”) B. Schmid, Tablaturbuch, 1607.

6. Important predecessors of Bach in the development of the organ fugue include Briegel (1626-1712), Wecker (1632-1695), and J. C. Bach (1642-1703).

7. The perfection of the fugue form in the works of J. S. Bach.

The exposition

The fugue is a sectional form. Its first section, in which the subject or answer appears in each of the voices, is called the exposition. The fugue subject is from one large measure (Bach, Well-Tempered Clavier [W-TC] Vol. I, No. XVII) to eight (exceptionally more) measures in length. The typical fugue subject will have a distinctive rhythmic and melodic identity but will most frequently avoid a phrase-period construction; the latter implies a homophonic rather than a polyphonic treatment. The repeated note figure, in evidence in many fugue themes (AMF, No. 21b; Bach, Sonata No. 1 in G minor for solo violin, second movement), is tangible evidence of a derivation from the instrumental canzona, in which the reiterated note was a thematic characteristic.
Following are some characteristic fugue themes:

**J. S. Bach, W-TC, Vol. I, Fugue XXI**

*Allegro*

**J. S. Bach, Sonata No. 1 for violin**

*Moderato*

**J. S. Bach, B minor Mass, Kyrie**

*Largo ed un poco piano*

**Handel, Messiah, No. 52 final chorus, “Amen”**

*Allegro moderato*

**Hindemith, Ludus Tonalis, Fuga tertia in F**

*Andante (J=ca. 96)*


The subject, first announced alone, is immediately imitated in a second voice. This imitation is termed the answer. If the answer is in the perfect fifth throughout it is termed *real*.

**J. S. Bach, W-TC, Vol. I, Fugue IV**

*Moderato*

**subject**

**answer**

**counter subject**

If it is not in the perfect fifth throughout it is termed *tonal*. This occurs when, in the first half of the subject, notes of the dominant harmony appear as essential rather than as auxiliary or passing tones. In such an instance the dominant notes are answered in the fourth rather than the fifth. This is done to avoid too rapid a modulation.

The counterpoint to the answer has a melodic and rhythmic individuality of its own and is of importance in the subsequent development of the fugue. If this counterpoint is used recurrently against the fugue subject, it is identified as a countersubject.

If, as often happens, a modulation to the dominant or a second dominant occurs by the end of the answer, a brief episode leads back to the original key for the second appearance of the subject in the tonic. This will use figures from the answer or its counterpoint. In the exposition the subject and answer appear alternately in each of the voices, usually in adjacent order. The following table lists the order and voices in which subject and answer alternate:

<table>
<thead>
<tr>
<th>Subject (Tonic)</th>
<th>Soprano</th>
<th>Alto</th>
</tr>
</thead>
<tbody>
<tr>
<td>Answer (Dominant)</td>
<td>Alto</td>
<td>OR Soprano</td>
</tr>
<tr>
<td>Subject (T)</td>
<td>Tenor</td>
<td>Bass</td>
</tr>
<tr>
<td>Answer (D)</td>
<td>Bass</td>
<td>Tenor</td>
</tr>
</tbody>
</table>

Exceptions to the regular order are found in *W-TC*, Vol. I, Fugue I (Alto, Soprano, Tenor, Bass) and Fugue XII, where the keys are T-D-T-T.

The exposition is concluded when each of the voices has enunciated the subject or answer. Sometimes an episode will follow the last announcement of the theme and an extra appearance of the subject may occur (*W-TC*, Vol. II, Fugue XVII — meas. 13-17, in the bass).

The exposition is terminated by a cadence — often dominant in a major fugue, relative major in a minor fugue. However, the rhythmic movement continues. Here, as also at the end of subsequent sections, the definition of the cadence is more harmonic than metric.
ASSIGNMENT

1. Analyze the subjects and answers of the fugues in *W-TC*, Vol. I. Identify the answer as tonal or real. If tonal, explain why.


**Fugal development**

After the exposition, the form is sectional. Episodes using motives which had appeared either in the subject or in its counterpoint alternate with the restatements of the subject. The subject may be used in its original form, either in the principal or a related key, or in an altered version which may involve contrary motion, augmentation, or diminution. In some instances the exposition is followed immediately by a counter-exposition in which subjects and answers reappear, but in different voices than in the exposition (*W-TC*, Vol. I, Fugue IX).


The final section may use the devices of stretto or organ point (*W-TC*, Vol. I, Fugues II and XVI). While stretto may be employed in earlier sections (*W-TC*, Vol. I, Fugues I and VIII), it is most unusual for an organ point to occur anywhere but in the last section.

As a result of what we may term the "sonata frame of mind," attempts have been made to classify the fugue among ternary patterns with exposition — middle section — return. In the great majority of instances this is a forced analysis. So free is the form after the exposition that the fugue has been called a texture rather than a pattern, and the suggestion has been made that it might be preferable to speak of a "fugue procedure" rather than a "fugue form."

In analysis, particular attention should be paid to the reutilization of material, either by direct transposition or by double, triple, or quadruple counterpoint. In the *Anthology of Musical Forms*, No. 21a, there are derivations throughout the fugue — meas. 7-8 from 3-4, meas. 15-16 from 7-8, meas. 17-18 from 5-6, meas. 19 from 18, meas. 20-21 from 15-16.

If a fugue has two subjects of coordinate importance it is termed a double fugue. Whether or not the subjects are introduced together,
they are manipulated simultaneously in the course of the composition.

There are four types of double fugue expositions:

1. The subjects are announced together in neighboring voices at the beginning of the fugue. One of a number of possible plans is:

   | Soprano | Sub. B | Ans. A |
   | Alto    | Sub. A | Ans. B |
   | Tenor   | Sub. B | Ans. A |
   | Bass    | Sub. A | Ans. B |

   (Handel, Clavier Suite, No. 6, third movement; Beethoven, Op. 120, Variation 32).

2. The second subject enters as a counterpoint to the answer of the first subject; thereafter both subjects are treated together. A second subject is distinguished from a countersubject in that the former has more thematic individuality. (Bach, W-TC, Vol. I, Fugue XII; Vol. II, Fugue XVI; Handel, Messiah, No. 23, “And with His Stripes”).

3. The exposition consists of two sections. In the first, subject A is treated alone in all the voices, and in the second, subject B is treated alone. In the subsequent sections (or sometimes the third part) the two subjects are treated simultaneously. (Bach, W-TC, Vol. II, Fugues IV and XVIII; Art of Fugue, No. 10).

4. Instead of a separate exposition for B, the second subject is combined with A and is treated in conjunction with it in section II of the exposition (Bach, Art of Fugue, No. 9, Theme A — meas. 1-34, Themes A and B — meas. 35 to end).

A triple fugue is one in which three subjects are manipulated simultaneously. In the exposition all the subjects may be announced together (Beethoven, String Quartet, Op. 18, No. 4, second movement, meas. 64 to 81); A and B may be announced together, followed by C, as in Bach’s fugue at the end of the Passacaglia in C minor; theme A may be announced alone and themes B and C introduced thereafter (Bach, W-TC, Vol. I, Fugue IV; Art of Fugue, No. 8).

Among contemporary works, the last movement of the Quintet for piano and strings by Roy Harris is a triple fugue.

The Finale of Mozart’s Symphony in C major (“Jupiter”), while cast in the form of a sonata-allegro, contains fugal episodes and a quintuple fugue. The five subjects which comprise the thematic
Imitative contrapuntal forms

material of this movement appear together in measures 369-403. The Finale of Beethoven’s *String Quartet*, Op. 59, No. 3, is also a combination of sonata and fugue form. The addition of an associated counterpoint to the restatement of the theme results in a double fugue in the recapitulation.

In his later works, the preoccupation of Beethoven with counterpoint generally, and the fugue specifically, is reflected in the fugues in the piano *Sonata*, Op. 106 (“Hammerklavier”), the double fugue in the Finale of the *Ninth Symphony* (meas. 655-729), and in the colossal *Great Fugue* for string quartet, Op. 133.

The fugue is equally effective as a vocal or instrumental form. Among the noteworthy examples of vocal fugues are the monumental “Kyrie” of Bach’s *B minor Mass*; No. 26 of Handel’s *Messiah*; No. 11 of Haydn’s *Creation*; No. 8 of Mozart’s *Requiem*; the “In Gloria Dei Patris, Amen” of Beethoven’s *Mass*, Op. 123; the Finale of Verdi’s *Falstaff*, and the “Worthy Art Thou” of Brahms’ *Requiem*. In the accompanied vocal fugue, an instrumental introduction as well as interludes and postludes are used, these being thematically derived.

Among twentieth-century examples, the *Ludus Tonalis* of Hindemith is a noteworthy collection of preludes and fugues in the idiom of twelve-tone music with a tonal center.

The concert fugue is a work generally following the fugue form or texture but with certain characteristic differences in both theme and structure:

1. The tempo is generally lively.
2. The theme, particularly in post-Baroque works, is longer than the typical Baroque subject.
3. A consistent number of parts is not adhered to as in the conventional fugue. Auxiliary lines and chords are freely used.
4. The episodes are more frequent and often homophonic or figural in character.
5. The structure, instead of being freely sectional, may be a closed-form pattern such as that of a song form or a sonata-allegro, with a greater contrast between sections than exists in the conventional fugue.
6. The concert fugue may exist as a movement of a larger work or as a separate composition. In the latter instance it is preceded by a prelude or introduction.
7. In twentieth-century non-tonal music, the tonic-dominant relation of subject and answer does not necessarily prevail.

Examples of the concert fugue are Bach’s fugue of *Sonata No. 1*
Contrapuntal forms


A short fugue, a fugal passage in the course of a larger movement, or a fugue consisting of an exposition followed by a brief episode is called a fugato or fughetta. Examples are found in Variation 10 of Bach's *Goldberg Variations*; Schumann's *Fughetta*, Op. 126, for piano, Beethoven's *Symphony No. 7*, second movement (meas. 183-225 — a double fughetta); Finale of the Rachmaninov *Piano Concerto No. 2*, and of the Brahms *Piano Concerto No. 2*.

Since the fugue and invention resemble each other in certain particulars, the following distinguishing characteristics should be noted:

1. The average fugue subject is longer than the average invention motive.
2. The fugue subject is traditionally announced alone, whereas the invention motive may be announced with or without an accompanying voice.
3. The fugue answer is traditionally in the fifth, whereas the invention answer may be in any interval.
4. The fugue is a larger form, both in length and in concept.
5. Devices of stretto and organ point are more frequently employed in the fugue than in the invention.
6. Fugue form is employed by voices or instruments, whereas the invention is an instrumental form exclusively.

**Assignment**

1. In *Anthology of Musical Forms*, study and analyze No. 31a and b.
3. Analyze Fugues Nos. 2 and 3 of Hindemith's *Ludus Tonalis* or some other twentieth-century examples.
Ostinato forms
Ground motive—ground bass—passacaglia—chaconne

The ostinato (from Italian, meaning obstinate), also called ground or ground bass, is a recurrent motive or theme which is repeated, usually in the same voice, throughout a composition or a section thereof. An early example is found in the eight-measure “pes” of Sumer is icumen in (c. 1310). This two-voice “pes” or ostinato, which accompanies a four-voice canon, is actually a four-measure phrase used in double counterpoint or stimmtausch.

There are three categories of grounds: (a) ground motive; (b) ground bass phrase or basso ostinato; and (c) specific structure-types—the passacaglia and chaconne.

The ground motive is usually a measure or two in length. It is often merely an ornamental pedal and does not determine the structure as do the ground bass or passacaglia themes. It is used in homophonic patterns more often than in contrapuntal forms.

Ex 156
Ostinato to Sumer is icumen in
(sung six times in succession)

Ex 157
Brahms, Symphony No. 2, Finale

Allegro con spirito 156-161

162

163

164
Contrapuntal forms

Contrapuntal forms

*Example 158*

**Ben sostenuto il tempo**
134 - 155 *precedente*

Other examples may be found in the Chopin *Berceuse*, Op. 57, the *Prelude* in B-flat minor, Op. 17, No. 4, by Scriabin, and in the Pastorale of Sibelius’ *Pelléas and Mélisande*.

In the slow movements of his violin concertos, Bach invariably uses a ground motive in the bass. This motive is not repeated identically each time; while the rhythm is retained exactly, the melodic contour recurs with some freedom.

*Example 159*

**Andante**

The basso ostinato or ground bass is generally a single phrase (usually four, rarely two to eight, measures in length). Found in both homophonic and polyphonic music, it is more frequent in the latter. In contrast to the ground motive, the basso ostinato phrase is most often used as a form-determining pattern, the divisions and in many cases variations corresponding to the dimensions of the theme. In the Finale of Brahms’ *Haydn Variations*, the following theme is heard seventeen times in succession, each recurrence associated with a variation:

*Example 161*

**Andante**

Thirteen variations occur over the bass (example below) of the Crucifixus of Bach’s *B minor Mass*. The use of a chromatically descending bass in association with music depicting grief or suffering was not only a specific feature of Bach’s works but a characteristic of Baroque compositions in general.
The four-measure tonic-dominant ostinato of the English virginal composition *My Lady Carey's Dompe* (c. 1525) (*HAM*, No. 103, p. 105) is an early form of a ground bass with a set of continuous variations. A popular ostinato of the sixteenth century was the Spanish melody *O guardame las vacas*, found in Spanish lute collections from 1538 on. This same melody, used as a soprano ostinato, characterizes a form known as the romanesca; it was also used as the basis for variations in the passamezzo, a sixteenth-century dance.

Purcell was fond of the ostinato form, and a striking example is to be found in the expressive air “When I am Laid in Earth” from *Dido and Aeneas* which is sung over a reiterated five-measure phrase.

In twentieth-century music the ostinato, as motive or theme, is more extensively used than it had been in the previous century and a half. The reasons for this are as follows:

1. It coincides with the emphasis on rhythmic-motivic patterns.
2. It is an outgrowth of the return to a polyphonic (linear) texture.
3. As a technique, it is consistent with the anti-Romantic trend, particularly in the first half of the century.
4. In non-tonal and non-triadic music, the ostinato is often a substitute for that organization previously provided by traditional tonality.

Examples of the ostinato motive in twentieth-century music can be found in numerous compositions, such as Hindemith’s *Mathis der Maler*; Stravinsky’s *Symphony in Three Movements*; Bartók’s *Mikrokosmos*, Vol. VI, No. 146; Menotti’s *The Medium*.

Boogie-woogie and various “riff” patterns show how the ostinato treatment has become an integral part of jazz.

**ASSIGNMENT**

1. Analyze and discuss examples of the ground motive and the ostinato phrase referred to in this chapter.
2. Select one of the following examples and analyze in detail the functions served by the ostinato:
   - Bach, *Concerto* in D minor for piano, Adagio.
   - Beethoven, *Symphony No. 9*, Trio of Scherzo.
   - Walton, *Belshazzar's Feast* (p. 11 of piano-vocal score).


Contrapuntal forms

The passacaglia

The passacaglia and chaconne are two closely-related Baroque variation forms, both deriving from the basso ostinato. Because the titles have sometimes been used interchangeably by composers, some confusion has resulted in the attempt to define and distinguish these forms. Passacaglia is a pseudo-Italian term from the Spanish *passacalle* and was originally a dance. As a structure, since the Baroque period, it is a contrapuntal form consisting of a series of continuous variations above an eight-measure ostinato theme in triple meter and in minor, the theme being generally first announced alone in the bass. While the theme continues most often in the bass, it may occasionally be found in an inner or upper voice. Early examples of the variation-passacaglia may be observed in *HAM*, Vol. II, Nos. 238 and 240. These include a passacaglia by Biber for violin and continuo (c. 1675) and a passacaglia by Georg Muffat (c. 1690) which combines the variation and rondeau forms. French Baroque composers used the terms chaconne and passecaille for the rondeau, an example being found in a chaconne by Chambonnières (c. 1650), *HAM*, No. 212; this has the form A B A C A D E A.

Passacaglias by Buxtehude and Pachelbel are important predeces-sors of the culminating work in this form, Bach’s *Passacaglia and Fugue* in C minor. Originally for cembalo with pedal, it was subsequently arranged by Bach for organ. It is based on the following theme, the first half of which is taken from the *Trio en Passecaille* by the French composer, André Raison (1688). The Bach work consists of twenty variations followed by a double fugue; one of the fugue subjects is derived from the first half of the passacaglia theme:

ex 163

\[\begin{array}{c}
\text{\includegraphics[width=0.5\textwidth]{ex163.png}}
\end{array}\]

After Bach and Handel, except for the closely-related chaconne form as represented in the *Thirty-Two Variations* of Beethoven and the Finale of Brahms’ *Fourth Symphony*, the latter combining cha-conne and passacaglia features, there are no truly significant works in this form until the twentieth century. In the nineteenth century the form was “conserved,” so to speak, in textbooks and in examples modeled on the Bach prototype such as are found in Rheinberger’s *Eighth Sonata*, Op. 132; his E minor *Passacaglia*, Op. 156; and Reger’s Op. 56, all for organ. In the twentieth century the passacaglia is once again an often-used form, being found in many media. While certain freedoms occur, the theme is still often found as an eight-measure unit in $\frac{3}{4}$ time, the basis of a form using continuous variation. The principal departure is the displacement of traditional
Ostinato forms

tonality by one or another of the twentieth-century idioms of which the theme below is an illustration.

The aesthetic constructive principle of the passacaglia is that of repetition, a repetition which provides continuity, coherence, order, and symmetry. In the twentieth century these elements become the more sought after in order to compensate for the lack of that organization which was previously provided by tonality and adherence to established forms. Although the term neo-Classic is used to identify that trend which is characterized by the regeneration or reutilization of seventeenth- and eighteenth-century forms, the term neo-Baroque is in many instances, and particularly in this, more appropriate.

ASSIGNMENT

1. Analyze Bach’s Passacaglia in C minor (AMF, No. 22a), taking particular note of:
   a. the rhythmic variants of the theme
   b. the successive variants which use the same rhythmic pattern
   c. the location of the theme
   d. the varied harmonic settings of the theme

2. Using the above outline, find and analyze a twentieth-century passacaglia.

Chaconne

Originally a wild Mexican dance imported into Spain, the chaconne (Spanish chacona from Basque chocuna, meaning “pretty”) is mentioned for the first time in 1599 in some verses by Simon Agudo written for the wedding of the Spanish monarch, Philip III. Refined and Europeanized as a dance, it finally became stylized as a variation form by the late seventeenth century. Although there is considerable inconsistency in the use of the title, it may be defined as a variation form based on a series of harmonic progressions, usually eight measures in length, in triple meter, and in minor. In
some cases the theme is a period form, in other cases, a repeated phrase.

The descending tetrachord of the above example is most typical of early Baroque works in this form.

The principal distinction between the chaconne and the passacaglia is that in the former the variations are derived from a harmonic series, while in the latter the variations are contrapuntal elaborations above or below a recurrent melody. The ostinato of the chaconne is the consequence of the retention of the same chord progressions — it is the bass of a series of harmonies; in the passacaglia, the ostinato is more melodic and is the thematic unifier of the form.

The Bach *Chaconne* in D minor, the last movement of the Second *Partita* for solo violin, is not only the greatest example of this form but also one of the most magnificent of works in its vast range of emotional expression and its amazing architectonics.

The repeated phrase structure of the theme is carried throughout some of the variations. In other variations, the second four measures are an embellishment of the first four.
In still others, a parallel or contrasting period form rather than a repeated phrase structure is found. Of the thirty-two variations, all but four are eight-measure units. The whole composition divides into three fairly equal sections, going from D minor to D major and returning to D minor.

The Finale of Brahms' *Fourth Symphony* combines both passacaglia and chaconne characteristics. Its theme is eight measures in length, in ¾ time, and in minor:

**Allegro energico e passionato**

This theme is followed by thirty variations and a coda. The chaconne feature is found in the establishment and retention of a series of harmonies, the passacaglia aspect in the recurrence, sometimes in varied or embellished form, of the thematic melody which is the uppermost part of the theme.

A sonata-allegro character is imparted to this movement by the restatement of the theme as Variation 16 (meas. 129-137) and the altered recurrence of earlier variations after this restatement. Thus, Variation 24 (meas. 193-200) is similar to Variation 1 (meas. 9-16); Variation 25 (meas. 201-208) is similar to Variation 2 (meas. 17-24); Variation 26 (meas. 209-217) to Variation 3 (meas. 25-32).

**ASSIGNMENT**

1. Analyze the first ten variations of the Bach *Chaconne* for solo violin, observing the figuration of the harmony and the various ways in which the bass of the harmony is woven into the melodic and contrapuntal texture.

2. Make a chart of the Brahms *Symphony No. 4*, Finale, according to the following plan:

<table>
<thead>
<tr>
<th>Variation number</th>
<th>Theme present in:</th>
<th>Instrumentation</th>
<th>Relation to previous variation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A *toccata* (from Italian, *toccato*, to touch) is free in form and in style, characterized by running passages or rapid figures, with optional imitative or slower sections.

The origin of the toccata is found in the sixteenth-century *intonazione*, a short organ prelude of an improvisatory nature, free in form and liturgical in function; it was used to establish the pitch for the choir immediately preceding a choral composition.

Among the earliest toccatas were those of Andrea Gabrieli around 1550, which used chords and scale passages. The toccatas of Claudio Merulo (1533-1604) established a pattern of five sections: (1) toccata, (2) imitative treatment, (3) toccata, (4) imitative treatment, (5) toccata (see No. 153, Vol. I of *HAM*). The toccatas of B. Pasquini and A. Scarlatti were of the virtuoso type, using a predominantly perpetual motion style. Among A. Scarlatti’s works, the *Toccata Nona* is a particularly attractive work, its final section being an arioso which leads into a climactic crescendo (*AMF*, No. 23).

While South German composers (Froberger, Kerll) followed the Italian models, being especially influenced by Frescobaldi, the North German composers (Buxtehude and J. S. Bach) developed a more expansive and more fully imaginative form. Many of these, however, adhere to the Merulo scheme of five sections, with sometimes a declamatory interlude. Thus, Bach’s *Toccata* in G minor (*Bach Gesellschaft*, Vol. XXXVI) has the following divisions: (1) toccata, (2) double fugue, (3) adagio, (4) a second fugue, (5) toccata.

The toccata style is used also in preludes to fugues. In Vol. I of the *Well-Tempered Clavier* the preludes to Fugues II, V, and VI are in this category.

The perpetual motion type of toccata is found in the virtuoso piano literature of the nineteenth and twentieth centuries, including works
by Schumann, Debussy, Prokofiev, Honegger, Casella, and Khachaturian.

Except for the Merulo five-section form, the toccata pattern uses a free or at most an optional design, sectional in its divisions. Toccata is therefore a character-defining rather than a form-defining title.

**ASSIGNMENT**

1. Analyze No. 23 in *Anthology of Musical Forms*.
3. Analyze the *Toccatas* for piano by Khachaturian or some other contemporary work using the title of toccata.

**Chorale prelude**

A chorale prelude is a polyphonic elaboration of a chorale, usually for organ. A chorale is a hymn tune of the German Protestant Church. In an endeavor to encourage congregational participation in the church service, Martin Luther and his followers compiled a collection of simple tunes, using vernacular texts. The melodies were taken from secular songs and Catholic hymns. In the Protestant service, the organist played the chorale immediately before it was sung by the congregation—hence the title chorale prelude. The technique of using a Catholic hymn as a cantus firmus in a polyphonic organ work was already evidenced in Arnolt Schlick’s *Tablaturen* (1512); however, it was Samuel Scheidt in his *Tablatura Nova* (1624) who established the art of paraphrasing chorale melodies on the organ, an art which reached its highest development in the varied and magnificent works of J. S. Bach. The treatment of *Vater unser im Himmelreich* by Scheidt, Buxtehude, Pachelbel, and J. S. Bach in Volume II of *HAM* (No. 190, p. 13) is a concise illustration of the historical development of this form.

Either in its original metric construction or in longer note values, the chorale melody is used as a cantus firmus. As such it may occur in any voice, but it is in either of the outer parts, pedal or soprano, that it is most frequently found. A four-voice texture is most often employed, although occasionally a three-voice treatment or a five-voice elaboration (Brahms’ *Choral Preludes*, Op. 122, No. 2) is found.

The following are the principal types:

2. Chorale with invention or fugue—the cantus firmus is usually in the soprano; the invention or fugue motive is often derived from the beginning of the chorale. The cantus firmus is preceded by an introduction which is a complete exposition in itself. The form is sectional, with each section terminated at the end of the chorale phrase or line. An interlude of one or more measures frequently appears between the sections, and a postlude concludes the design. Bach, *Organ Works*, Vol. III, No. 42; Brahms, *Choral Preludes*, Op. 122, No. 3.

3. Chorale motet (sometimes called chorale with invention group) —a sectional form, the number of sections corresponding to the number of lines in the chorale. As in the sixteenth-century motet, where each section has its own motive, a new subject usually derived from its respective line is used in each section. Bach, *Organ Works*, Vol. VI, Nos. 23 and 24.

4. Chorale as aria—the chorale melody, usually in the uppermost part, is extensively embellished. The accompaniment is less contrapuntal than in the other types, often tending toward the homophonic. Bach, *Organ Works*, Vol. V, No. 51; Vol. VII, No. 45.

5. Chorale with ritornelle—a running motive in uniform rhythm is the basis of a theme from eight to sixteen measures in length. This theme is used as an introduction, interlude, and postlude. During the playing of the chorale line it is used only fragmentarily. Bach, *Organ Works*, Vol. VI, No. 2; Brahms, *Choral Preludes*, Op. 122, No. 4.


7. Chorale variations—these include a succession of different elaborations of the same chorale. The number of variations may correspond to the number of stanzas. Brahms, *Motet*, Op. 74, No. 2.

**ASSIGNMENT**

1. Analyze completely No. 24 in *Anthology of Musical Forms*.

2. Find various examples of the chorale prelude and identify each as to type.

3. Analyze one of the chorale prelude examples by Bach or Brahms referred to in this chapter.
Multi-movement and multi-sectional forms
The sonata as a whole—cyclic treatment

The sonata will generally consist of three or four movements. In a three-movement work the minuet or scherzo (or a similar dance-derived movement) is ordinarily omitted and the tempos of the movements are: I—fast, II—slow, III—fast. Structural possibilities of the various movements in the sonata as a whole follow:

First movement:

Generally sonata-allegro

Second movement:

2. Second rondo—Mozart, Serenade for string orchestra; Beethoven, Sonata, Op. 13, Symphony No. 9, Quartet in A minor, Op. 132; Mahler, Symphony No. 4
3. Third rondo (very rare)—Beethoven, Symphony No. 4
4. Sonatine—Mozart, Quintet in G minor (K.516)
5. Sonata-allegro—Beethoven, Symphony No. 2, String Quartet in F Major, Op. 59, No. 1
6. Variations—Haydn, Symphony in G major (“Surprise”); Sibelius, Symphony No. 5; Beethoven, Sonata for violin and piano, Op. 47 (“Kreutzer”)
7. Free form—Beethoven, Piano Concerto No. 4

Third movement (of a four-movement work):

1. Song form with trio(s)—minuets of Haydn and Mozart sonatas and symphonies; minuets and scherzos of Beethoven’s works
2. Second rondo—Brahms, Symphony No. 1
Multi-movement and multi-sectional forms

Fourth movement (or third movement of a three-movement work):
1. Second rondo form—Haydn, Sonata for piano in D major; Beethoven, Sonata, Op. 10, No. 3
3. Sonata-allegro—Beethoven, Symphony No. 5
4. Variations—Beethoven, Symphony No. 3; Brahms, Symphony No. 4

Exceptionally in a four-movement form the minuet, scherzo, or similar movement may occur as a second rather than as a third movement. This happens when the moderate tempo or reflective character of a first movement would make it inadvisable to follow it with a slow movement, since the necessary contrast between the movements would be lost. Among four-movement compositions in which such a movement is second are Mozart’s Quartet for flute and strings (K.298), Beethoven’s Symphony No. 9, Borodin’s Symphony No. 2, and Shostakovich’s Symphony No. 1.

The one-movement sonata
The sonata in one movement is a form which emerges in the late nineteenth and early twentieth centuries. It must not be confused with the one-movement sonatas of Domenico Scarlatti, which derive from the binary suite movement.

The following steps contributed to the emergence of this form:
1. The sonata divided into movements, but played without pause between these movements—Beethoven, Sonata, Op. 27, No. 1
3. The combining of slow movement and minuet in one—Beethoven, Sonata, Op. 27, No. 2 ("Moonlight"), Scherzo; Brahms, Sonata in A major for violin and piano; Franck, Symphony in D minor
4. Sonatas as in (1) or (2) above with cyclic treatment—Schumann, Symphonies Nos. 1 and 4; Saint-Saëns, Cello Concerto in A minor; Liszt, Piano Concerto in E-flat major
5. Finally, the one-movement form, usually with large sectional divisions—Liszt, Piano Concerto in A major; Sibelius, Symphony No. 8; Roy Harris, Symphony No. 3; Hindemith, Sonata No. 1 for piano; Alban Berg, Piano Sonata; Prokofiev, Sonata No. 3, Op. 28

In the Piano Concerto of Delius (1897) there are three large
The sonata as a whole — cyclic treatment

divisions of which the first is in the nature of an exposition, the second of a slow movement, and the third of a recapitulation. The Violin Concerto in E minor by Conus (1898) has a similar structure. The scheme of Schönberg's Kammersymphonie is exposition—slow movement—development—scherzo—recapitulation. Symphony No. 3 of Roy Harris, played without pause, is divided into the following sections: I—Tragic, II—Lyric, III—Pastoral, IV—Fugue.

We may summarize the characteristics of the twentieth-century one-movement sonata as a single movement form consisting of from two to five large sections, the thematic material being treated usually in a cyclic manner. In works which are tonal, modal, or duodecuple with a "key center," key or mode aspects are involved in the choice of specific "keys" or modes for themes or sections; in non-tonal or tone-row compositions, register or color factors are the determinants of theme placement.

Cyclic treatment

Cyclic treatment refers to a procedure wherein the same or derived thematic material is used in two or more movements of a composition, or in different sections of a large single-movement form. The use of the idée fixe of Berlioz, exemplified by the recurrent theme found in the Symphonie Fantastique, is an instance of such treatment. Developmental procedures are applied to thematic material used in successive movements.

While cyclic treatment is to be found in fifteenth- and sixteenth-century Masses and in some Baroque sonatas, it becomes more definitely established as a principle of composition by César Franck and his followers, including Vincent d'Indy, Saint-Saëns, Fauré, and Dukas. The most extended and comprehensive example of cyclic treatment in the whole literature of music is that represented by the use of the same leitmotives in the four operas of Wagner's Der Ring des Nibelungen. The use of a tone-row series for several movements of a work clearly places the series technique within the area of cyclic treatment.

Such instances in Beethoven where a theme or section recurs as a reminiscence (Sonata, Op. 13; the Fifth Symphony; the Ninth Symphony; and piano Sonata, Op. 101) should not be regarded as true examples of cyclic treatment, since these are simply restatements rather than developmental derivations.
The following transformation and metamorphosis of the principal theme occurs in Debussy's *String Quartet*, Op. 10:

**First Movement**

ex 171

<table>
<thead>
<tr>
<th>a)</th>
<th>b)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animé et très décidé</td>
<td></td>
</tr>
</tbody>
</table>

This motive recurs successively thirteen times.

**Second Movement**

<table>
<thead>
<tr>
<th>g)</th>
<th>h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assez vif et bien rythmé</td>
<td></td>
</tr>
</tbody>
</table>

**Fourth Movement**

<table>
<thead>
<tr>
<th>i)</th>
<th>j)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Très modéré</td>
<td></td>
</tr>
</tbody>
</table>

**Violin I**

**Violin II**

**Viola**

**Pizz.**

**p doux et espressif**
The principle of cyclic treatment is an important structural factor in the organization of program works, particularly those divided into several well-defined sections or movements. A popular work in this category is Rimsky-Korsakov's *Scheherazade*. The term cyclic is also used to designate multi-movement forms such as the suite, sonata, concerto, or cantata which consist of a cycle of movements. In this use of the term no necessary thematic interrelationships of the movements are implied.

**Assignment**

1. Find examples of cyclic treatment in Franck's *Symphony* in D minor. (It is preferable to use a piano reduction.)

2. List the thematic derivations found in the four divisions (movements) of Liszt's *Piano Concerto* in E-flat or in the four sections of his *Les Préludes*.

3. Analyze one of the following one-movement works or any other you select:
   - Liszt, *Sonata* in B-flat minor.
   - Sibelius, *Symphony No. 7*.
   - Liszt, *Concerto* in A major, for piano and orchestra.

Is the work divided into movements or sections? Is the treatment cyclic? List the thematic transformations. Chart the dynamic scheme by sections or for the work as a whole.
The suite

The suite is an instrumental form consisting of an optional number of movements. The two basic types are the Baroque suite (c. 1650-1750) and the modern suite of the nineteenth and twentieth centuries.

The Baroque suite

The Baroque suite, known also as partita in Germany and Italy, lessons in England, and ordres in France, is a collection of dance movements ranging generally in number from three to twelve. A suite by Chambonnières (c. 1650) contains twenty-eight dances. Most suites, however, consist of from four to eight movements.

The origin of the Baroque suite may be found in the sixteenth- and seventeenth-century practice of grouping dances by pairs. These were respectively in duple and triple meter, the second dance being a varied version of the first. The pavane-galliard and passamezzo-saltarello were thus combined. The grouping of three or more dances in a series is illustrated in lute collections of the early sixteenth century, among which is the French publication of P. Attaingnant (1529).

Most important in establishing the specific dances of the early suite was J. J. Froberger (1616-67). In his works, the allemande, courante, and sarabande are used with the gigue added as an optional dance before or after the courante. In a posthumous publication of his works (1693), a Dutch publisher placed the gigue at the end of the suite. Works by Schein, Scheidt, Krieger, and Pachelbel are also of importance in the development of this form.

Bach's six French suites, six English suites, and six partitas utilize the series allemande—courante—sarabande—optional dances—gigue. The optional dances, mostly French, include minuet, bourrée, gavotte, passepied, polonaise, rigaudon, air, etc. The English suites and partitas begin with a prelude which uses the form of invention, toccata, or, as in the English Suite No. 4, French overture. A double following a dance is a variation characterized by a running pattern.
Whereas the older courante, sarabande, and gigue were becoming stylized and idealized dance types, the optional dances, originating in the French ballet of the seventeenth century, retained more of their original dance character and were usually less complex in texture than the other movements.

All movements of the suite are generally in the same key. In Bach's English suites, movements in which the key of the second dance is relative or tonic major or minor are sometimes paired, but this is exceptional.

Most of the movements are in binary form, divided in two by a double bar, with each part being repeated. The second division is generally longer and (though always within a circle of related keys) more modulatory. A return to the tonic is made soon enough so that the tonality is firmly established at the end. Ternary movements occur less frequently than binary ones.

If a movement is in a major key, the first division terminates in the dominant; if in a minor key, it may be either dominant or, occasionally, relative major. The second part often begins with a transposed version of the first part, but there is rarely a thematic restatement in the homophonic sense. In the allemande, courante, sarabande, and gigue, the subject is more essentially a melodic-rhythmic motive which sets the prevailing pattern of the movement. However, in the optional French dances, occurring between the sarabande and gigue (minuet, bourrée, gavotte, etc.) a phrase-period structure is most often found.

The following table indicates the characteristics of the dances used in the Baroque suite:

<table>
<thead>
<tr>
<th>Dance</th>
<th>Meter</th>
<th>Tempo</th>
<th>Other Characteristics</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allemande</td>
<td>4/4</td>
<td>Moderato</td>
<td>Flowing movement, generally sixteenth notes, usually beginning with a short upbeat. Most polyphonic of suite movements.</td>
<td>German</td>
</tr>
<tr>
<td>Bourrée</td>
<td>2/2</td>
<td>Lively</td>
<td>Each phrase starts on the fourth quarter.</td>
<td>French</td>
</tr>
<tr>
<td>Corrente</td>
<td>3/4 or 3/8</td>
<td>Lively</td>
<td>Begins with a pickup of eighth or sixteenth note.</td>
<td>French</td>
</tr>
<tr>
<td></td>
<td>Italian</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Courante</td>
<td>3/2</td>
<td>Less lively than the Italian form</td>
<td>French</td>
<td></td>
</tr>
<tr>
<td></td>
<td>French</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Galliard</td>
<td>3/4</td>
<td>Moderate</td>
<td>Gay.</td>
<td></td>
</tr>
</tbody>
</table>

157
Multi-movement and multi-sectional forms

<table>
<thead>
<tr>
<th>Dance</th>
<th>Meter</th>
<th>Tempo</th>
<th>Other Characteristics</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gavotte</td>
<td>4/4</td>
<td>Fast, but less lively than bourrée</td>
<td>Each phrase starts on the third quarter beat. (The gavotte was often followed by a musette employing a drone bass, which in turn led to a da capo repetition.)</td>
<td>French</td>
</tr>
<tr>
<td>Gigue</td>
<td>6/8 or 6/4</td>
<td>Fast</td>
<td>Dotted rhythm, wide skips, imitative treatment. Part II often begins with subject in contrary motion. The Italian type, giga, is non-imitative and is more rapid in tempo.</td>
<td>English or Irish</td>
</tr>
<tr>
<td>Giga</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jig</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hornpipe</td>
<td>3/2</td>
<td>Fast</td>
<td>Cadence on third beat of measure.</td>
<td>English</td>
</tr>
<tr>
<td>Loure</td>
<td>6/4</td>
<td>Moderate</td>
<td>Dotted rhythms, emphasis on strong beats.</td>
<td>French</td>
</tr>
<tr>
<td>Minuet</td>
<td>3/4 (3/8)</td>
<td>Moderate</td>
<td>Courtly, ceremonious. Frequently followed by a “trio” and a da capo.</td>
<td>French</td>
</tr>
<tr>
<td>Pavan</td>
<td>2/2</td>
<td>Slow</td>
<td>Stately, solemn.</td>
<td>Spanish</td>
</tr>
<tr>
<td>Rigaudon</td>
<td>2/2 or 4/4</td>
<td>Moderately fast</td>
<td>Each phrase begins on fourth quarter.</td>
<td>Provençal</td>
</tr>
<tr>
<td>Saltarello</td>
<td>3/4</td>
<td>Fast</td>
<td>Associated with a dance using a jumping or hopping step.</td>
<td>Italian</td>
</tr>
<tr>
<td>Sarabande</td>
<td>3/4 or 3/2</td>
<td>Slow</td>
<td>Stately. Starts on downbeat.</td>
<td>Spanish</td>
</tr>
<tr>
<td>Siciliano</td>
<td>6/8 or 12/8</td>
<td>Moderate</td>
<td>Lyric melody, pastoral-like, dotted rhythm.</td>
<td>Italian</td>
</tr>
</tbody>
</table>

By the later eighteenth century, the dance suite was superseded by the serenade, cassation, and divertimento forms which, like the suite, were composed of an optional series of movements. But in these Rococo and Classic forms, homophony rather than polyphony prevailed, and themes rather than subjects or motives were the structure-defining components. The homophonic forms—sonata, variation, rondo, etc.—were those employed for the individual movements. Whereas the suites had been composed generally for keyboard instruments, the serenades, cassations, and divertimenti were written for strings with or without some winds. Those by Haydn and Mozart are best known. By the late eighteenth century these forms were superseded by the large-scale sonata and symphony.
Sonata da camera

As early as 1625 suites consisting of sinfonia, gagliard, and corrente are to be found in the published works of G. B. Buonamente. The earliest appearance of the title sonata da camera (chamber sonata) is in a published work by Johann Rosenmiüller (1667) for strings and continuo. By the time of Corelli's Op. 2 for violin (1685), a collection of eleven trio sonatas and a chaconne, the form of the sonata da camera was stabilized, consisting now of four or five movements: prelude—allemande or corrente (or both)—sarabande—gigue (or gavotte). The Bach Sonatas for solo violin Nos. 2, 4, and 6 are examples of the sonata da camera.

Sonata da chiesa

In his Sinfonio a 2, 3, 4 Istromenti (1687), Torelli established the four-movement form adagio—allegro—adagio—allegro, which was subsequently adopted by later composers as the sonata da chiesa (church sonata). How the term “church sonata” came to be used for this pattern is not clear, although some of the music was written to be played in the church. As in the suite, each movement is divided into two parts, with each portion repeated. Of works in the current repertoire, the six sonatas of Handel for violin and piano are representative examples of this form.

The difference between the sonata da camera and the sonata da chiesa is that in the former, dance titles and dance patterns were used, whereas in the latter, tempo titles and imitative treatments in the allegro movements were utilized. In the sonata da chiesa, the order of the movements and the usual tempo and meter of each was as follows:

<table>
<thead>
<tr>
<th></th>
<th>Slow</th>
<th>Fast</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4/4</td>
<td>6/8</td>
</tr>
<tr>
<td>II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>III</td>
<td>3/4</td>
<td></td>
</tr>
<tr>
<td>IV</td>
<td>3/2</td>
<td></td>
</tr>
</tbody>
</table>

In the Baroque era, da camera and da chiesa types are found in sonatas for from one to four performers, and also in the concerto grosso (see Chapter XXII).

Partita

In the seventeenth and eighteenth centuries the term partita designated either a series of variations or a suite. Originally, the title applied to variations as in Trabaci’s Ricercate . . . partite diverse (1615), and Frescobaldi’s Toccate . . . e partite d’intavolatura (1614). Bach uses the term in both senses: the Chorale Partitas for organ are variations, whereas the six Suites for harpsichord in the Clavierübung, and the
Multi-movement and multi-sectional forms

solo violin sonatas Nos. 2, 4, and 6 are each titled "partita."

The modern suite

The modern suite is an instrumental form of an optional number of movements, unified by being related to some central subject. Unlike its Baroque counterpart, its movements do not necessarily consist of dances, are not all in the same key, and are generally not in binary form.

The categories of the modern suite do not relate to form but to a type, such as incidental music to a play (Grieg, Peer Gynt Suite), ballet suite (Stravinsky, Rite of Spring), or program suite (Holst, The Planets; Grofé, Grand Canyon Suite).

The term "suite" is also used for a three- or four-movement abstract work, often in sonata form, in which the individual movements are not sufficiently integrated into a larger unit to allow the work to be called a sonata or a symphony. Examples include Dohnányi's Suite for Orchestra, Op. 19, Berg's Lyric Suite for string quartet, and Bartók's Suite for piano.

Assignment

1. Analyze the Baroque suite as exemplified in Anthology of Musical Forms, No. 25, Examples 1, 2, 3, 4.

2. Consider a modern suite with which you are familiar, on the basis of the form and musical style. Write or give in class a complete report using the music to illustrate your points.
Concerto types
Concerto grosso—solo concerto

The concerto grosso is a Baroque form characterized by the use of two contrasting groups, a solo unit of two to four performers, called concerto or principale, and the full orchestra, called concerto, tutti, or ripieno. The concertino group usually included two violins and the performers of a thorough-bass part, the latter being played by the cello and "realized" on the harpsichord. The ripieno group consisted of a string orchestra with, from time to time, some winds.

The title concerto was first used not for instrumental works but for choral works with instrumental accompaniment, in order to distinguish these from a cappella or unaccompanied vocal music. The Concerti ecclesiastici (church concertos) by Andrea and Giovanni Gabrieli (1587) are among the earliest of this type. (See HAM, Vol. II, No. 185.) Viadana's Sinfonie musicali à otto voci (1610), which applied Giovanni Gabrieli's double chorus style to instrumental groups, initiated a trend which was to culminate in the concerto grosso. The earliest examples of the latter occur in two Sinfonie à piu instrumenti by Stradella (c. 1642-82). Works by Corelli and Muffat which are in the first phase of the development of this form have suite-like movements in both number and character.

The works of Antonio Vivaldi (1675-1741) initiated a second phase. A three-movement scheme, allegro—adagio—allegro, was introduced; the contrapuntal texture was replaced by a somewhat more homophonic treatment; and rhythmic figurations of harmonic progressions provided a more dynamic character. These works influenced Bach's Brandenburg Concertos (1721) quite considerably. In Handel's twelve remarkable concertos for string orchestra, the Vivaldi influence is somewhat in evidence also, but Handel retains the larger number of movements as found in Corelli's works. Of the concertos of Op. 6, the work in B-flat major (No. 7) is of extraordi-
nary beauty. An unusual feature of this work is that there are no concertino soloists.

As in the Baroque sonata, so in the concerto grosso is there a da camera and a da chiesa type. Dance movements are more in evidence in the first type, whereas abstract movements predominate in the second. In both types, examples consisting of four and five movements are found. Torelli's Op. 2 is titled Concerto da camera, while Handel's Op. 6, No. 7, mentioned above, is an example of a da chiesa type.

In the Baroque concerto grosso not solo virtuosity but tonal contrast, the contrast of the lighter body of concertino tone and the denser quality of the tutti, is significant. This factor is not only of stylistic importance but is also somewhat form-determining. It must be understood that the concertino (orchestral) instruments often double the corresponding orchestra parts except in those sections in which they are used as solo instruments.

In many concertos, the form of the rapid movements is one in which a ritornello, played by the entire ensemble, alternates with passages played by a solo performer or by a group of soloists. Thus, in the Finale of Bach's E major Concerto for violin, a sixteen-measure tutti ritornello is heard five times, recurring identically each time.

Of Bach's six Brandenburg Concertos, No. 5 in D major is the most brilliant. The concertino section includes piano, flute, and violin; the ripieno, string orchestra and continuo. In the first movement of this work the tutti ritornello, which has its own motive, is subordinated to the solo sections, which employ a different motive. The tutti interludes (occurring in measures 10, 13, 19, and 29) are quite brief.

The first movement divides conveniently into five sections which include an alternation of tutti and soli (D major), an intermezzo for flute, violin, and piano (F-sharp minor), and eventually a return of the opening ritornello (D major).

The second movement, a trio for the three solo instruments, divides symmetrically into four sections and a coda, each consisting of ten measures. Every section begins with a phrase of duet between the flute and violin followed by the solo piano playing against a flute and violin background.

The third movement combines the fugato and ternary forms with A being a fugato on a vivacious theme (D major), B a new melodic idea derived from A, and the third part an exact repetition of the first part (A).

In the works of Vivaldi, Bach, and Handel, the concerto grosso achieved its most significant expression. After 1760 the form became outmoded as the solo concerto assumed greater importance.

The so-called neo-Classic revival in twentieth-century music, which
in many of its aspects should more justifiably be termed neo-Baroque, has resulted in the reutilization of the concerto grosso form. Bloch's *Concerto Grosso* for piano and string orchestra, Bartók's *Concerto* for orchestra, Hindemith's *Concerto* for orchestra, Op. 34, and Piston's *Concerto* for orchestra are representative examples.

*The solo concerto*

A concerto is a work for a solo instrument with orchestral accompaniment which stresses the virtuosity of the solo performer. That no merely servile accompaniment is implied is indicated by the origin of the term from *concertare*, "to fight side by side." The origins of the solo concerto are to be found in the *sonate concertate*, the canzona form for a group of instruments with soloistic passages, generally played by the violin. An early example is the *Sonate Concertate in Stilo Moderno* (1621) by Dario Castello.

As the sections of the canzona diminished in number and gained in extent, and as the solo sections of the *sonate concertate* form became longer, the solo concerto began to emerge. When, finally, the solo technique was applied to the Baroque sonata as employed by a concerted group, the first definitive examples of the solo concerto appeared. These were works by Albinoni for violin and orchestra (Op. 2, 5, 7, and 9), the earliest of which dates from about 1700. Subsequently, in Torelli's works, the solo violin part becomes of equal importance with that of the orchestra. The concertos of Antonio Vivaldi (1675-1741) are important in themselves and for their influence on all subsequent Baroque composers. His three-movement schemes of fast—slow—fast, used previously by Albinoni, became the accepted standard, and his style the accepted model. Transcribing some of his own and also Vivaldi's works, Bach wrote the first concertos for harpsichord and orchestra. The eighteen organ concertos of Handel are among the last examples of the Baroque solo concerto.

The combination of the Rococo sonata and the solo concerto form is found in the works of Carl Philipp Emanuel Bach and Johann Christian Bach. In the keyboard concertos of the former, the sonata-allegro scheme of exposition — development — recapitulation prevailed. The exposition, played twice, first by the orchestra and then by the soloist, still lacked a subordinate theme. This second theme appeared in the concertos of J. C. Bach (1735-82).

While Haydn's works in the concerto form are numerous, it is Mozart who established the principal features of the Classical and subsequent concerto style. The solo part now definitely assumes a virtuoso character and progressively, from Mozart on, the technical passages of the solo part become more difficult and demanding.

While the concerto adheres to the general outline of the sonata as
Multi-movement and multi-sectional forms

a whole, it is most usually a three-movement form, with the scherzo omitted. Such four-movement works as Brahms’ Piano Concerto No. 2, Vieuxtemps’ Violin Concerto No. 4, or Elgar’s Cello Concerto are rare.

In the Classic concerto, the first movement utilizes a sonata-allegro plan, but with certain modifications. Where the exposition was traditionally repeated in the solo sonata, the concerto has a double exposition played first by the orchestra alone and then with the soloist. The orchestral exposition presents all the thematic material in the tonic; in the second exposition, which follows immediately, the subordinate theme is stated in the traditional dominant. Thereafter, development and recapitulation follow.

In many of the Mozart piano concertos, the second “exposition” in the solo instrument often presents themes not heard in the preceding tutti. This second exposition is frequently more truly a development that the succeeding section, which then assumes the character of a somewhat improvisatory fantasia. Of Mozart’s twenty-five piano concertos, only K.271, 365, 503, and 595 contain genuine development sections.

A distinctive feature of the concerto is the cadenza. The cadenza is an unaccompanied passage in free, improvisational style, based on previous thematic material and exploiting the technique of the instrument. In the Classical concerto, it occurred toward the end of the recapitulation in the first movement; it was preceded by a $I_4^6$ which was resolved to the dominant at the close of the cadenza. A brief passage for the orchestra concluded the movement. The cadenza may appear in another portion of the movement, however, or in either or both of the succeeding movements. The cadenza in Mendelssohn’s Violin Concerto in E minor appears immediately before the recapitulation; in Rachmaninov’s Third Piano Concerto in D minor, cadenzas appear in all the movements.

The possible forms of the second or third movements of the concerto are those which have been previously discussed in the section on the sonata as a whole.

In Mendelssohn’s concertos, the initial orchestral exposition is omitted. While this innovation of Mendelssohn’s had few immediate followers, many later nineteenth-century and most twentieth-century concertos omit any extended introductory tutti (passages for orchestra alone). Among such works are the piano concertos of Grieg, Tchaikovsky, Rachmaninov, Prokofiev, and Bartók, and the violin concertos of Sibelius and Prokofiev.

The tendency toward the one-movement concerto form parallels the trend toward the one-movement sonata. The so-called one-movement form may consist of three or four rather clearly articulated sec-
Concerto types

- Concertos played without pause, as in Saint-Saëns’ *Cello Concerto* or Liszt’s *Piano Concerto* in E-flat, or it may consist of a true single movement as in Liszt’s *Piano Concerto* in A major, or the *Violin Concerto* of the Russian composer Conus.

Besides the traditional three-movement form, or the later three-in-one-movement form, there are a host of single-movement works for solo instrument and orchestra. Some are more or less free or rhapsodic in form; others combine certain traditional patterns with free interrelations. In this category are the *Poème* for violin and orchestra by Chausson, Strauss’ *Burleska* for piano and orchestra, and Gershwin’s *Rhapsody in Blue*.

An example of the admixture of free and much modified traditional forms is provided by Alban Berg’s *Concerto* for violin and orchestra (1935). Its two movements are each subdivided into two sections. In the first movement, the Andante (Part I) is a three-part form, the Allegretto (Part II) a modified song form with trio. In the second movement, the Allegro (Part III) is a three-part form with B as a cadenza; the last section, Adagio (Part IV), a chorale with variations. This work is based on the following twelve-tone row:

![Twelve-tone Row](image)

It will be noted that this tone row contains major and minor triads, as well as a part of a whole-tone scale. This series of twelve notes epitomizes the reconciliation of apparently conflicting elements (tonality—atonality; eighteenth-century harmony—twentieth-century harmony; traditional form—free form; virtuoso concerto—introspective content) which distinguish this work.

**Assignment**

1. Analyze Bach’s *Brandenburg Concerto No. 2* in F major or *No. 4* in G major.
2. Compare Bloch’s *Concerto Grosso* for piano and string orchestra with a Baroque concerto grosso as to structure and style.
3. Analyze the opening movement of one of the following:
   - Beethoven, *Concerto No. 5* in E-flat major, for piano.
   - Mendelssohn, *Concerto* in E minor, for violin.
   - Grieg, *Concerto* in A minor, for piano.
The overture

The overture is an instrumental composition used as an introduction to an opera, oratorio, ballet, or play, or as a concert work in one movement associated with a program. Although the title has been used ambiguously since the early Baroque period, it is possible to classify the following well-defined types:

*Italian Overture.* This three-section form, also referred to as *Neapolitan sinfonia*, was usually constructed in the following way: a canzona or freely imitative section in fast tempo (customarily directed as allegro), a short interlude in slow tempo, a binary dance-like movement, each half of which is repeated again in a fast tempo.

The earliest example of this form is the overture to Alessandro Scarlatti’s opera, *Dal Malo Il Bene* (1681 or 1686). (An example of this form, the Sinfonie to the opera *La Griselda* [1721], by A. Scarlatti is illustrated in *HAM*, Vol. II, No. 259.) This form is anticipated by the three-section instrumental canzona, the sinfonia preceding Act II of Steffano Landi’s *Il San Alessio* (1632), and by the fast—slow—fast succession of movements in the Baroque concerto.

*French Overture.* Established by Lully and associated with seventeenth- and eighteenth-century opera, the French overture has the appearance of a three-section form. Actually, its divisions were a slow section using dotted rhythms in duple meter followed by a fast section in fugal or free imitative style, generally in a triple rhythm. The slow conclusion that generally ended this section gave the impression of a third part.

The earliest example of this form among Lully’s works is the overture to the ballet *Alcideane* (1658). Cast in this form is the overture to *Alceste* by Lully (*HAM*, Vol. II, No. 224).

In earlier examples of both the French and Italian overtures the thematic material is most often motivic, using subjects rather than
phrase-period themes, with cadences defining divisions within the larger sections. As the style became more homophonic, subjects were replaced by themes constructed in phrases. Examples of the French overture are Gluck’s overture to *Iphigénie en Aulide* and Bach’s overture to *Suite in B minor* for flute and strings.

Extension of the French overture into a suite is illustrated in Handel’s overtures to *Rinaldo* and *Theodora* and in Bach’s *Französische Overture* of the *Clavierübung*.

The Baroque French and Italian overtures disappeared about 1750, being replaced by the Classic sonata-allegro type.

*The sonata-allegro overture*

In this category are overtures cast in the sonata-allegro (or sonatina) form. These include the following:

- Overtures to operas—Mozart, *Marriage of Figaro* (sonatina); Beethoven, *Leonore*, No. 3; Weber, *Oberon*
- Overtures to plays — Beethoven, *Prometheus* (sonatina)
- Concert overtures — Mendelssohn, *Fingal’s Cave* (descriptive); Tchaikovsky, *Romeo and Juliet* (narrative); Berlioz, *King Lear*, Op. 4 (character type)

*The potpourri overture*

The potpourri overture is a free medley of melodies and excerpts from the play or opera to follow. There is no set form, the composition being a succession of tunes with transitions and episodes. While potpourri overtures to musical comedies and operettas are literally "curtain raisers," a greater artistry is revealed in such works as Wagner’s *Meistersinger* overture or the Rossini *William Tell* overture.

*Overtures or preludes in free form*

In programmatic overtures, particularly of the narrative type, the form is determined by the story or the associated program, as in Tchaikovsky’s *Francesca da Rimini*. The free-form overture or prelude does not conform to a pre-established pattern. It follows no story as does the narrative-programmatic overture, nor is it a stringing together of tunes as is the potpourri type; rather, it develops a limited number of themes or motives in a free pattern. The free-form prelude is used by Wagner in the introductions to *Lohengrin* and *Tristan und Isolde*.

In the prelude to *Tristan* (discussed more fully in the next chapter) the sectional divisions are obscured by the use of deceptive cadences, the avoidance of full cadences, and the use of elided cadences. Continuity thus maintained contributes to the "unending melody" which was a conscious objective of Wagner’s technique.
The Tristan prelude, like that to Das Rheingold and to Lohengrin, attempts to establish a mood which not only leads into the first act, but which also may be said to epitomize the character of the opera. Earlier overtures which anticipate the emotional content and use thematic material of the following work include those of Haydn's Creation, Mozart's Magic Flute, Beethoven's Leonore, and Weber's Der Freischütz.

After Wagner, the lengthy operatic overture is exceptional—a brief prelude or introduction generally suffices to usher in the opening scene. This is illustrated in the operas of Puccini and Richard Strauss.

ASSIGNMENT

1. Analyze the Wagner example in Anthology of Musical Forms, No. 28c. (In the analysis of any of Wagner's works, a familiarity with the leitmotives will provide a better insight into their structural organization. Among works which list the leitmotives are Windspurger's Book of Motives and Themes of Wagner's Operas and Kobbe's Wagner's Music Dramas Analysed.)

2. Analyze Weber's "overture" to Oberon, a modified sonata-allegro. Either the score or a piano reduction may be used.
Free forms and program music

All structures may be divided into two general categories — closed and open forms. A closed form is one which adheres to a fixed and established pattern; an open form is one which does not. Included in the first category are such designs as the period, the two- and three-part song forms, the Classic sonata-allegro, and the passacaglia. There are two classifications of open forms. In the first are compositions the titles of which are somewhat character-defining but not form-defining; these include such works as the twelfth-century *vers*, the toccata, rhapsody, and fantasy. In the second group are free forms, often programmatic, in which the titles are entirely optional and not associated with character types. Some forms like the fugue and invention are actually hybrids, since in each the exposition represents a closed form, with the following sections being free. A work which, on the whole, may be classified as an open form may contain one or more subdivisions which utilize a fixed pattern.

In Gregorian chant, most examples (except hymns, sequences, and some cyclic types) are open forms. The twelfth-century troubadour *vers* melodies are through-composed and hence do not conform to any fixed pattern. The pavane *Lord Salisbury* by Orlando Gibbons (illustrated in *HAM*, Vol. I. No. 179) is an example of a group form, the pattern being A (meas. 1-19), B (20-35), C (36-56).

The *Chromatic Fantasy* of Bach is divided into four sections, the first (meas. 1-33) in toccata style, the second (meas. 34-49) in chorale style, the third (meas. 50-77) in recitative style, the fourth (meas. 78-82) a coda.

Wagner's prelude to *Tristan und Isolde* is an example of an open form in which a dynamic plan is an integral part of the structural organization. It is based on the following three leitmotifs:
Multi-movement and multi-sectional forms

The prelude is divided into seven sections: A (meas. 1-17), B (17-24), C (25-44), D (45-63), E (63-74), F (74-83), and coda (84-110). The last measure of each section represents not only a structural division (always, to be sure, elided) but also a dynamic climax, being forte or fortissimo. In addition, a dynamic arc emerges if we chart the effect of this whole prelude:

Among free abstract forms in twentieth-century music are Schönberg's Phantasy for violin, William Schuman's Symphony No. 6, and, almost necessarily, such patterns as emerge from experiments with electronic music.

*Program music*

In program music, form and content are affected by some extra-musical association or program. These types may be identified as follows:
Narrative, based on a series of events — Berlioz, Symphonie Fantastique; Strauss, Don Quixote

Descriptive or representational — Respighi, The Fountains of Rome; Moussorgsky, Pictures at an Exhibition

Appellative, consisting of a character-implying title — Schumann, Carnaval; Toch, Pinocchio overture

Ideational, attempting to express some philosophical or psychological concept — Liszt, first movement of Faust Symphony; Strauss, Thus Spake Zarathustra

Liszt defined a program as “any preface in intelligible language added to a piece of instrumental music by means of which the composer intends to guard the listener against a wrong poetical interpretation and to direct his attention to a poetical idea of the whole or to a particular part of it.”

As a type, program music is contrasted with architectonic music. In the latter, which includes such abstract or objective forms as the toccata, fugue, suite, or sonata, the total structure, whether free or strict, evolves out of the shaping characteristics inherent in motive, theme, rhythm, harmony, and counterpoint without any necessary verbal explanation.

Among the earliest illustrations of word painting are such examples found in early Christian chant, where the Latin ascendere is sung to a rising progression and descendere to a falling one. During the Baroque era, the association of melodic-rhythmic patterns with movement implied by the text was a commonplace of vocal composition. The very suggestion of waves or running was enough to set in motion a coloratura series of notes. The development of program music through the centuries is one which includes many interesting and some amusing examples. It is not until the nineteenth century, however, that program music, which had been a less prominent feature of instrumental music, becomes of pre-eminent importance. Nineteenth-century Romanticism with its “spontaneous overflow of powerful emotion,” its attempted distinction between form and content in order to emphasize the latter, sought to articulate and clarify meaning through verbal and pictorial associations. A new “form” appears in 1848—the orchestral work What One Hears on the Mountain by Liszt, based on a poem by Victor Hugo. This is the symphonic poem, its very title implying the union of tone and poetic idea. Of Liszt’s twelve examples in this form, Les Préludes has remained the most popular.

Late nineteenth- and early twentieth-century nationalism found

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an appropriate and ready vehicle in the symphonic poem; single-movement programmatic works by Smetana, Borodin, Sibelius, Respighi, and Bloch testify to this alliance. The tone poems of Richard Strauss, in which the structural implications of Liszt's form and the orchestral implications of Wagnerian technique are combined, are the culminating works in this form.

Among Strauss' works, the single-movement form is adhered to in *Tod und Verklärung* (Death and Transfiguration), *Don Juan*, and *Till Eulenspiegel's lustige Streiche* (Till Eulenspiegel's Merry Pranks), whereas a much expanded form, in which sections have become enlarged to virtual movements, is found in *Ein Heldenleben* (A Hero's Life), and *Also sprach Zarathustra* (Thus Spake Zarathustra).

The music of a representational or narrative work achieves its programmatic effect by association and suggestion. Music in itself, however, does not and cannot convey any fact or action, nor can it express the simplest conceptual thought, let alone a train of philosophic reasoning or the procedures of syllogistic logic. No combination or arrangement of pitch, intensity, rhythmic or color units can convey the simplest fact—"Today is Tuesday," "This hat is red," —or an abstract concept, such as "To be or not to be."

Music has its own semantics, communicated by means of ordered sound in time, not by programmatic associations or explanations. These latter may be a kind of adjunct to the music but, except for such examples of musical onomatopoeia as bell sounds and bird imitations, never partake of its essence. Programmatic possibilities exist in instrumental music because feelings, moods, or emotions evoked by combinations and successions of sounds may be related to the feelings, moods, or emotions evoked by a particular extra-musical association. They may also be related to a thousand other associations, and this explains Liszt's statement that one purpose of a program is "to guard the listener against a wrong poetical interpretation."

Because a great many Impressionistic works are title-bearing programmatic compositions, it is necessary to distinguish between the program music of nineteenth-century Romanticism and that of twentieth-century Impressionism. Where the former is often descriptive and delineative, the latter is evocative and suggestive, not so much concerned with the representation of the factual as the subtle suggestion of how the fact impresses us. The delineation of the sea in Wagner's *Flying Dutchman* overture and Debussy's *La Mer* is symptomatic of this difference in approach.

In a broad sense, any musical work with some type of extra-musical association is programmatic. In a narrower sense, true program music exists only when the form as well as the content evolves out
of or is dependent upon the program. The evolved structure may be a fixed form, such as is found in Mendelssohn's *Fingal's Cave* or Tchaikovsky's *Romeo and Juliet* overture, or it may be a free form, as in Liszt's *Les Préludes*.

**ASSIGNMENT**

1. Make a detailed analysis as to the relation and development of various musical ideas in the free forms given in the *Anthology of Musical Forms*, No. 28a and b.

2. Outline the overall structure of at least one of the following:
   c. Strauss, *Till Eulenspiegel; Death and Transfiguration*.
Section 6

Vocal types
Sacred vocal types

Directly or indirectly, classifications of vocal works are based on the relation of a text to its musical setting. Some of these classifications are form-defining, others are not. Since both are sometimes classified as vocal forms, let us consider the da capo aria and the strophic song. The da capo aria by its very name implies a particular pattern—a ternary (A-B-A) form. The term strophic, however, is not form-defining. A strophic song is one in which the same melody and the same pattern is used for successive stanzas, as in a hymn or a folk song. But strophic does not imply any single specific pattern. The form of the melody used in a strophic song may be a single phrase, as in the Chanson de geste melody (AMF, No. 1a) used by Adam de la Halle in Robin et Marion;

ex 174

\[\text{Ex 174}\]

a period (Reuben and Rachel); a phrase group (Silent Night); a three-part period (Alouette); a double period (When Love Is Kind); a two-part song form (America); an incipient three-part song form (Old Folks At Home); or a three-part song form (Schubert’s Die Schöne Müllerin, Op. 51, No. 11). Since there are these multiple possibilities, strophic no more refers to a specific form than does prelude or nocturne. It is, therefore, preferable to use a term which includes both categories of vocal compositions—those which may and those which may not imply specific patterns. For that reason we use the term “vocal types” instead of “vocal forms.”

Certain principles of structure which apply equally to instrumental and vocal patterns will not be repeated here. For example, a period or song form is structurally the same whether played or sung. But there are also certain form-defining factors which apply more specifically to vocal than to instrumental music, and it is these with which
we will concern ourselves.

Terms which are often used in the analysis of vocal music are defined below:

1. **Syllabic style** — a musical setting in which each syllable is sung to a single note.

2. **Neumatic style** — a musical setting in which each syllable or vowel is sung to a group of notes (two to five).

3. **Melismatic or florid style** — a musical setting in which a large number of notes are sung to a single vowel; the term coloratura is also applied to this treatment.
4. **Through-composed** (a translation of the German *durchkomponiert*) — a type of song in which each stanza is set to different music.

5. **Monodic** — a single, unaccompanied melody.

6. **A cappella** — without accompaniment.

   From the standpoint of medium, vocal works are written for solo voice, ensemble, or chorus, accompanied or a cappella. From the standpoint of use or function, vocal works may be divided into two basic categories; sacred or liturgical, and secular.

   The principal sacred types are Gregorian chant, psalmody, the mass, hymn, chorale, motet, magnificat, passion, anthem, cantata, and oratorio. Exceptionally, secular cantatas and oratorios are also to be found.

   The principal secular types include the opera and its associated forms; catch, part song, glee, art song, and ballad. While recitative and aria are grouped under secular types because of their origin, these also occur in sacred works such as masses, passions, cantatas, and oratorios.

**Sacred types**

Gregorian chant is the liturgical chant of the Roman Catholic Church. It is monodic, modal, in free (unbarred) rhythm and set to a Latin text. It derives its name from Gregory I, Pope from 590-604, during whose term of office it may have been codified, although some authorities believe its organization occurred some centuries later. The complete repertory of chants is divided between two collections, the *Graduale Romanum*, which includes music for the Mass, and the *Antiphonale Romanum*, which includes music for all other daily services (the Office). The *Liber Usualis* is a collection which includes the music for the Office and the Mass. While there is no difference of opinion concerning the melody of the chant, there are at least three different schools of rhythmic interpretation. The currently-favored interpretation is that of the Solesmes school. In their notation of the chant, the tones, mostly of equal duration, are grouped into units of from two to five notes; these combine to progressively form *incises* (figures), *members* (motives), and *periods*. The latter correspond more to large phrases than to the two-phrase sentences of the homophonic forms. Most frequently, members and periods are terminated by a longer note. While incises and members may recur within a particular selection, symmetrical divisions are the exception rather than the rule.
Vocal types

The following are the principal forms found in the chant:

1. Through-composed — in most cases this includes the Gloria, Sanctus, and Credo.
   Liber Usualis, Gloria I, p. 87; Sanctus I, p. 92; Credo I, p. 69

2. Strophic — most hymns are in this category.
   Liber Usualis, Ave Maris Stella, p. 1074

3. Cyclic — in this type, certain sections return, either symmetrically, as in the Libera Me (Liber Usualis, p. 1126), or non-symmetrically, as in the Credo (Liber Usualis, p. 69). The cyclic forms include also Antiphonal Psalmody and Responsories (Liber Usualis, p. 476, Responsory).

Texts of the Proper preceded by an Alleluia are also cyclic, since the opening period (including the melisma) is repeated identically at the end, sung to the last word or syllable of the text. The form is therefore A-B-A, or prelude-verse-postlude, the prelude and postlude being identical (Liber Usualis, p. 353ff.). However, alleluias sung during Paschal time (Easter to Pentecost) do not have this form.

Psalmody

The chanting of the psalms to a Latin text in the Catholic liturgy is termed Psalmody or accentus. It is generally syllabic in character and free in rhythm. In the performance of psalms, an antiphon (a short, simple melody set to a scriptural text) generally precedes and follows the complete psalm.

The three categories of Psalmody include the following:

1. Direct psalmody — the performance of a psalm without any interpolation of a refrain between the verses.
   (Liber Usualis, Psalm 4, Cum Invocarem, p. 231.)

2. Responsorial psalmody — the performance of a psalm in which soloists alternate with a choral response. Included in this category are alsograduals and alleluias.
   (Liber Usualis, Psalm 139, Eripe Me Domine, p. 584.)
3. *Antiphonal psalmody* — two half-choruses alternate in singing the verses. The antiphon preceding and following the psalm is sung by the combined choirs.

In Psalm 94, *Venite Exultemus (Antiphonale Romanum, p. 152)* the following pattern occurs ("A" representing the antiphon):

A — verses 1, 2 — A — verses 3, 4 — A — verses 5, 6, 7 — A — verses 8, 9 — A — verses 10, 11 — A — verse 12 — A

**Mass**

The Mass is the most significant service of the Roman Catholic liturgy. It is the aggregate of prayers and ceremonies which commemorate and symbolize the Passion (sufferings) and death of Christ. As a musical form, the Mass is a setting of those portions of the Eucharistic service which are sung. Its equivalent in the Anglican Church is called the church service. The name is derived from the words "Ite, missa est" ("Depart, the mass is [completed]").

The Ordinary of the Mass includes those sections whose texts remain constant; the Kyrie, Gloria, Credo, Sanctus, and Angus Dei. The Proper of the Mass includes different or additional texts which vary according to day, season, or function.

The order of the service of the Mass is illustrated in the following chart:

<table>
<thead>
<tr>
<th>Ordinary</th>
<th>Proper</th>
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<tbody>
<tr>
<td>Sung by choir</td>
<td>Sung by choir</td>
</tr>
<tr>
<td></td>
<td>Intoned or spoken by ministers at altar</td>
</tr>
<tr>
<td>1. Introit-Psalm verse and antiphon</td>
<td>4. Prayers (collects)</td>
</tr>
<tr>
<td>2. Kyrie</td>
<td>5. Epistle for the day</td>
</tr>
<tr>
<td>3. Gloria</td>
<td>6. Gradual and Alleluia (The Tract is sung instead of the Alleluia during Lent.)</td>
</tr>
</tbody>
</table>
The Requiem is a Mass for the dead; while the Kyrie, Sanctus, and Agnus Dei are retained, the Gloria and Credo are omitted. The texts of the Proper of the Requiem Mass include “Requiem Aeternam,” “Absolve Domine,” “Dies Irae,” “Domine Jesu Christe,” and “Lux Aeterna.”

The oldest and simplest type of Mass is the Gregorian Mass which is sung in unison, unaccompanied, the music being that of the chant.

The first example of a polyphonic setting of the Ordinary is the *Messe de Tournai* (c. 1300), considered a compilation of movements written at different periods. The earliest polyphonic setting of the Mass by one composer is Machaut's *Mass*, performed at the coronation of Charles V in 1364, but possibly composed earlier. In polyphonic settings of the Ordinary through the Renaissance, the opening sentences of the Gloria and Credo were traditional Gregorian settings intoned by the celebrant.

The Mass is a compound form, its separate movements or sections including many possible structures such as fugue, motet, aria, part-song, etc. The texture may be homophonic or contrapuntal. As a functional liturgical work, its movements are separated and divided by recitations and ceremonial interruptions.

In the concert Mass, the musical setting of each of the five parts of the Ordinary may be subdivided into two or more sections which use a different portion of the text. Certain concert Masses, of which Bach’s *B minor Mass* and Beethoven’s *Missa Solemnis* are examples, are non-functional, not only because of their length, complexity, and excessive word repetition, but because they demand a kind and degree of absorption which is in the category of aesthetic rather than liturgical participation. Conversely, other concert Masses, such as Beethoven’s *C major Mass* and similar works by Haydn, Mozart, and Bruckner, have been used in church services.

**Hymn**

A hymn is a song in praise of God. While all songs in praise of the Lord were termed hymns in the early Christian era, the title was
eventually restricted to new poems as distinguished from scriptural writings. Hymns are generally two- or three-part homophonic forms. Typical examples are *All Glory, Laud and Honor* (Melchior Teschner, 1615) in the Catholic service, and *Onward, Christian Soldiers* (Sir Arthur Sullivan, 1872) in the Protestant service.

**Protestant chorale**

A Protestant chorale is a religious folk song or hymn of the German Protestant Church. The text is in the vernacular and the structure is most often a two- or three-part song form or a phrase group. A well-known example is *A Mighty Fortress*, attributed to Martin Luther.

**Motet**

Because of the existence of many divergent types, it is all but impossible to provide a single definition of the motet which would encompass all varieties. In a general way, it may be defined as an unaccompanied polyphonic vocal work using a sacred text in Latin and, in its earlier phases, written for performance in the Catholic service. It is the most significant form of the Gothic and Renaissance periods, and it continues in importance through the Baroque era, a total span of five hundred years (1250-1750).

The word motet is derived from the French *mot*, meaning word. It refers to the *mots*, the new words added to the shorter notes of the upper part (*duplum*) written above a cantus firmus in the thirteenth-century polyphony of the Notre Dame school. The *duplum* with the added text was called *motetus*, and this name was adopted for the whole composition. The distinctive feature of the thirteenth-century motet was the use of different texts, sometimes even different languages, in the various parts, of which there could be two or three, above a cantus firmus in long notes. The counterpointing voices were written in various dispositions of ternary rhythms, the more active patterns in the upper voices.

In the fourteenth century, duple rhythms were introduced and the isorhythmic motet came into being. The term isorhythmic ("same rhythm") describes a constructive principle, particularly as applied to the tenor. Here, a melody derived from a liturgical chant was arranged in a recurring rhythmic pattern of some length, termed *talea*. The melody itself was termed *color*. Often the *talea* did not coincide in length with the *color*. Thus, while a rhythmic pattern would repeat three times successively, the melody might repeat but twice. Where most or all of the voices employ respective repeated patterns of their own, the motet is described as pan-isorhythmic.

By the fifteenth century, a single text was used for all the voices,
Vocal types

and instead of a pre-existent Gregorian cantus firmus, the whole work was often freely composed.

The most characteristic structural feature of the Renaissance motet (including the works of the Flemish masters Obrecht and des Prés, as well as of Palestrina) is the division of the work into sections; each section is associated with a single line of the text, and each section likewise uses its own particular motive. In addition, sixteenth-century motets may also be divided into two or three larger sections called Prima, Secunda, and Tertia Pars. The sections may be imitative or chordal (harmonic). The sixteenth-century term for the former is fugal style (although the fugue as a form had not yet crystallized), and for the latter, familiar style.

When the term “motet style” is used by itself, it is the sixteenth-century sectional style, with imitative treatments of new subjects in each section, that is implied.

Beginning with Viadana’s Concerti Ecclesiastici (1602), motets for one, two, three, or four solo voices with organ accompaniment were composed throughout the Baroque era, along with the choral type. The latter prevailed in Germany from the time of Schütz and thereafter.

The German motet specifically, and the later choral motet in general, while episodic, did not (like the Renaissance type) develop a new motive in each section. With its text in the vernacular, the type of German motet which included solo sections and instrumental accompaniment not only approached but led directly into the cantata. Thus, Bach’s Cantata No. 71 is also titled Mottetto.

Among nineteenth-century examples, the motets of Brahms, Op. 29, 74, and 110, are particularly noteworthy. The Op. 29, No. 2 (Psalm 51), is an example of a three-“movement” type.

Aside from its own importance in separate works, the motet form is found in movements of Masses; it is of additional significance in having provided a model for early instrumental forms such as the canzona and ricercare.

Magnificat

One of the most popular texts of polyphonic music has been the “Canticle of the Blessed Virgin,” the Magnificat (Luke I:46-55). As in polyphonic settings of the Gloria and the Credo of the Mass through the Renaissance, the opening sentence of the Magnificat was not set. It and the other odd-numbered verses were sung in the appropriate plainsong, the even-numbered verses being set polyphonically by the composer.

As in the Mass, later settings of the Magnificat included the complete text. During the Baroque period it also took on large propor-
tions, each sentence, as in Bach's setting, being the basis of a complete movement for chorus, solo, or small ensemble.

**Passion**

A setting for chorus, soloists, and orchestra of the Passion of Christ. The text of the Passion is taken from the gospels of Matthew, Mark, Luke, or John. The dramatized performance of this portion of the gospels occurs from the twelfth century on, the various parts (Christ, the narrator, the crowd) each sung to a Latin text by a single priest in a simple, slightly inflected monotone. A distinctive cadence formula associated with each of the three roles terminates each line or paragraph of recitation. From about 1480 on, polyphonic settings in a motet style occur. In Germany, the Lutheran Reformation leads to a more homophonic style and the use of the vernacular. In the seventeenth century, the oratorio-passion develops, using stile recitativo, aria, and orchestral accompaniment. The culminating work in this form is the *St. Matthew Passion* of Bach (1729). This is a compound form, sectional in its divisions, each section comprising a kind of cantata concluded with a chorale.

A characteristic of Bach's treatment of vocal solos in his Passions (as in the *B minor Mass*) is the obbligato accompaniment of a solo instrument. Thus, in the *St. Matthew Passion*, the bass solo "Gebt Mir Meinen Jesum Wieder" is accompanied by an obbligato solo violin in addition to strings and organ; the soprano solo "Aus Liebe Will Mein Heiland Sterben" is accompanied by an obbligato flute (and two oboes).

**Anthem**

An anthem is a choral composition (occasionally with solo sections) with English text from the Scriptures or other liturgical sources, usually with organ accompaniment. Though derived from the motet, it differs from that form in that it is more harmonic in its part-writing, more nearly "square" in rhythm, and more syllabic in style.

The earliest anthems, by Tye and Tallis, date from about 1560. John Blow, Purcell, and Handel follow each other in a direct line of succession, the anthems of Handel being distinguished by their grandiose character. Handel's *Chandos Anthems* (1716-18) and *Coronation Anthems* (1727) are really cantatas. The more contrapuntal anthems tend toward unsymmetrical sectional forms (*HAM*, Vol. II, No. 268), whereas the more homophonic anthems are more symmetrical in their use of phrase-period structures.
Vocal types

Cantata
A cantata (from Italian cantare, "to sing") is a compound vocal form in several large sections or movements for chorus, with optional solos and usually with orchestral accompaniment. Such patterns as two- or three-part song forms, fugue, chorale, aria, rondo, and recitative are utilized.

The title first appears in Alessandro Grandi's Cantade et arie á voce soli (1620). While Bach's church cantatas (of which 213 out of a possible 300 are preserved) focus attention on the religious cantata, the secular type (cantata da camera) actually preceded those with sacred texts. Mozart's Exultemus is an example of a cantata for solo voice; the well-known "Alleluia" is the third "movement" of this work. After Bach, the cantata assumed the aspect of a diminutive oratorio.

Oratorio
An oratorio is an extended musical setting of a liturgical or secular text, somewhat dramatic in character, involving solo voices, chorus, and orchestra, but presented without costumes, scenery, or action.

Musical dramatizations of Biblical excerpts had their start as early as the tenth century; a description of a performance of the trope Quem Quaeritis is described by the Bishop of Winchester in the Concordia Regularis (c. 965-975). In the sixteenth century, St. Philip Neri of Rome founded a special order called "Oratoriani," the members of which participated in musical services, popular in character, held in the oratory or chapel. The so-called first oratorio, a kind of sacred opera, since it was staged, is Cavalieri's Rappresentazione di Anima e di Corpo (1600). The definitive form of the oratorio was established by Carissimi (1605-74). Heinrich Schütz established the German Baroque oratorio, in which the devotional element is emphasized. In Handel's oratorios, of which The Messiah and Israel in Egypt are best known, a dramatic-operatic character is imparted to the music. After Handel, Haydn's The Creation and The Seasons, Mendelssohn's Elijah and St. Paul are noteworthy examples; more recent works include Walton's Belshazzar's Feast and Honegger's King David.

Assignment
Select from the following works, or others of your own choice, examples of various sacred vocal styles and forms. Analyze several for overall form and use one for detailed study.
Mass:
- Palestrina, *Missa Papae Marcelli*
- Bach, *B minor Mass*

Sixteenth-century motet:
- Palestrina, *Sicut Cervus*
- Vittoria, *Domine, Non Sum Dignus*

Later motet:
- Brahms, *Psalm 51*, Op. 29, No. 2

Solo cantata:

Choral cantata:
- Bach, *Cantata No. 4*, "Christ Lag in Todesbanden"
- Hanson, *Lament for Beowulf*

Passion:
- Bach, *The Passion According to St. Matthew*

Oratorio:
- Handel, *The Messiah*
- Mendelssohn, *Elijah*

Magnificat:
- Any Renaissance setting
- Bach, *Magnificat*
Secular vocal types

An opera (from Italian, *opera in musica*, “a work in music”) is a musical setting of a drama, with appropriate acting and scenery, in which the parts of the characters are sung to an orchestral accompaniment. The composite character of its form is illustrated by Mozart’s *Marriage of Figaro*, which includes an overture in sonatina form, arias with recitatives, cavatinas, canzone, duets and trios, a sextet, choral compositions, marches, and two extended finales. Only the general character of opera may be defined — specific aspects, and in some cases, the specific forms within it, change from generation to generation and from style to style.

The first operas of which both music and text have survived are settings of Rinuccini’s *Euridice* by the Florentines Peri and Caccini (1600). The music of an earlier work, *Dafne* (1597) by Peri and Rinuccini, has been lost. Opera is one of the three offsprings of the new monodic style which distinguishes the early Baroque, the others being the oratorio and the cantata.

Opera is a form of stylized and symbolic expression. It is this quality which reconciles the conflict between verbal and musical communication and meaning. A musical setting interprets a text, but the time taken for the necessary musical development of the thought of the text is much longer than the time it would take to recite the words by themselves. For that reason, there are word repetitions, alternations of action plus recitative, and inaction plus sustained song; in the latter, whatever happens or is to happen, must wait. In the Neapolitan opera (c. 1680-1760), each scene is divided into two parts: the first comprising the action, the second the aria which interprets or reflects on that action.

From the standpoint of overall form, there are two basic types of opera: (a) the “numbers” or ballad opera, and (b) the through-composed opera. The “numbers” opera is one which is composed of separate arias, choruses, ballet sequences, and orchestral interludes.
Secular vocal types

Don Giovanni by Mozart, Il Trovatore by Verdi, and Carmen by Bizet are representative examples.

The through-composed opera, or, as Wagner termed it, the music-drama, is an attempt to combine all the operatic elements—drama, music, and spectacle—as equal components of a unified whole (the Gesamtkunstwerk). From the standpoint of form, the noteworthy characteristics of the through-composed opera, particularly of Wagner, are as follows:

1. Avoidance of symmetrical patterns if these were not demanded by text and dramatic meaning.

2. Elimination of the separation between recitative and aria, the result often being a kind of accompanied declamation.

3. The revelation of the "inner action" and meaning of the drama in and by the orchestra. The Wagnerian accompaniment does not support song in the manner of Verdi, but adds a commentary and provides psychological clues.

4. The continuous use of the orchestra as accompaniment or protagonist throughout an act, the ideal being an instrumentally and vocally endless melody; this results in, or is the result of, the avoidance of perfect cadences and periodic structures and the use of continuous modulations, particularly in such chromatic operas as Tristan and Parsifal.

5. The use of leitmotifs, musical motives or themes associated with a person, place, thing, or idea, as elements of structural and psychological unity. In the following excerpt from Wagner's Götterdämmerung, Hagen, singing of his sister's marriage to Siegfried while the latter is under the spell of forgetfulness, is actually thinking of this marriage as a means of securing the magical Tarnhelm. The vocal solo is therefore not an aria but a kind of obbligato against a succession of leitmotifs in the orchestra.

EX 181
Götterdämmerung,
Act I, Scene I

Moderato molto

Hagen

that he'd seen a woman ere thee

Tarnhelm motive

Freya (marriage) motive
Vocal types

The mistake has sometimes been made of identifying the Wagnerian leitmotif with the Bach type-motive as similar structural units. Because of the quasi-symbolic aspect of some of Bach's motives, this is a particularly tempting analogy. The fallacy, however, is that the Bach motive is used in an additive way, the total texture being composed of the motive and its counterpoint, the pattern of a work or movement being spun out of the motive. In Wagner, on the contrary, the leitmotif is woven into the vocal and orchestral fabric; it is true that there are often tightly-knit sections, but these employ a homophonic developmental technique rather than the polyphonic principle of continuous expansion by the use of a basic motive.

An important development of opera in the middle decades of the twentieth century has been the great increase in the composition of one-act operas, particularly in the United States. Many of these, involving small casts and small orchestras, are in the category of chamber operas. Among such works are Menotti's *Amahl and the Night Visitors*, *The Medium*, and *The Telephone*.

**Recitative**

A more or less declamatory vocal style which attempts to imitate the natural inflections of speech is recitative. The following are the principal types:

1. *Stile recitativo* — the name given to the solo song of the Florentine opera (c. 1600). It designated a melody of limited range, sectional in division with no established structural pattern, writ-
ten over a thorough-bass (see HAM, Vol. II, Nos. 182, 183, 184).

2. Recitative secco or recitative parlando — the stile recitativo soon developed three offshoots: (a) the more melodic style of the arioso which leads to the aria, (b) the recitativo secco, and (c) the recitativo accompagnato. Secco means dry; the adjective refers to the non-expressive character of the recitative. The latter was accompanied by sustained chords or by staccato chords interpolated at the rests in the vocal line. Often, the accompaniment was in the harpsichord alone. The form is free, the text being often in prose rather than in poetic form. (HAM, Vol. II, No. 206.)

3. Recitative accompagnato (accompanied recitative) — the vocal part is similar to the parlando style, but the accompaniment is fuller and more continuous. This type came to be used for recitatives of particular importance; in eighteenth-century opera, it introduces the principal arias. It is in this style that the part of Christ is written in Bach’s St. Matthew Passion (HAM, Vol. II, No. 281).

Instrumental recitative

The style, inflection, and free character of the vocal recitative is reflected in passages in numerous instrumental works. Among these are Bach’s Chromatic Fantasy, the slow movement of Beethoven’s Piano Concerto No. 4, Schumann’s “The Poet Speaks” from Scenes from Childhood, and the third movement of Hindemith’s Mathis der Maler.

In the last movement of Beethoven’s Ninth Symphony, the cellos and basses have several phrases of recitative (meas. 9-16, 24-49, 38-47, 56-62, 80-90). One can almost literally hear them speak. If there were no further use of this material, these measures would remain abstract examples of instrumental recitative. But the clue to the meaning of these passages, at least in verbal terms, is provided in the text of the baritone solo in which some of the same motives are used:

Ex 182

<table>
<thead>
<tr>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
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<th>16</th>
</tr>
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</table>
| f | c | e | l | l | o | s | g | a | b | s |s

Oh friends, no more these sounds continue baritone solo
Vocal types

The Wagnerian recitative

Eschewing both the *parlardo* recitative and the symmetrically-constructed aria, Wagner arrived at a style of vocal declamation which combined expressiveness and dramatic significance. At the same time, there can be little doubt that many of his vocal lines were written as an outgrowth of and after the orchestral parts. The orchestral version of the “Liebestod” (*Tristan und Isolde*) is not an instrumental transcription or arrangement of the aria. It is literally and simply the same orchestral part—but without the singer. There is not a single Verdi aria which would be equally convincing as “accompaniment” alone, with the vocal solo omitted.

*Sprechstimme or sprechgesang*

This is a specific type of recitative introduced by Schönberg early in this century. (*Die glückliche Hand*, Op. 18, and *Pierrot Lunaire*, Op. 21). While the rhythm is observed, the voice, in a declamatory style between speech and song, follows the indications of the melodic line approximately, moving up or down from the indicated “pitches.”

Aria

An extended operatic vocal solo with orchestral accompaniment (as distinguished from the *recitative secco*, which might be accompanied only by the harpsichord) is an aria. The pattern varies from a two- or three-part song form to one of the rondo forms. It differs from the air or *lied* in being longer, generally through-composed rather than strophic, and more dramatic or more virtuosic (Verdi, *La Traviata*, “Sempre Libera” and “Ah, Fors’ è Lui”; Delibes, *Lakmé*, “Bell Song.”)

*Dacapo aria*

A form of aria, particularly favored by the Neapolitan school (c. 1680-1760), of which Handel’s operas are also an example, which has the pattern A-B-A. “B” represents not only a new melody but
Secular vocal types

also new key areas. In performance, the return of “A” was usually ornamented with optional passage work and trills, according to the particular skills of performers (Handel, Scipio, “Hear Me, Ye Winds and Waves;” Judas Maccabaeus, “Arm, Arm, Ye Brave”).

Arioso
The arioso is a type midway between the recitative and aria, more melodic than the former, less extended than the latter, and often the concluding section of a lengthy recitative (Bach, Cantata No. 80, “Ein’ Feste Burg”—end of recitative in No. 3).

Scena and aria
This is a compound structure involving alternations of recitatives and aria sections. The scena and aria of Agathe in Weber’s Der Freischütz (No. 8) is an example. It is composed of (a) an accompanied recitative “Wie nahte mir der Schlummer;” (b) an eighteen-measure melodic section, “Leise, Leise;” (c) another recitative section; (d) the more melodic section “Zu dir wende . . . ;” (e) an andante section, “Alles pfleg . . . ;” (f) an agitato recitative; and finally, (g) the aria “Alle meine Pulse schlagen,” vivace con fuoco.

Catch
The catch was an English round, humorous or jocose in character, of the seventeenth and eighteenth centuries. Pammelia was the first of numerous collections, the most famous of which was Catch That Catch Can (1652). A favored device was the writing of rests for one or more measures; this resulted in an alternation of voices and words which often gave the text a double meaning. Since the unit of imitation was usually a phrase of four or five measures, the catch as a whole might constitute a double period or a phrase group, depending on the number of voices participating.

Part song
A composition of moderate length for three or four voices, predominantly homophonic in texture and usually based on phrase structure. When applied to music of the fifteenth to the seventeenth centuries, it refers to a polyphonic type, often based on a secular cantus firmus and sectional in design (HAM, Vol. I, Nos. 86, 93).

Glee
The glee (from Anglo-Saxon gleo, “music”) was a short, secular, a cappella vocal work for three or more solo male voices, harmonic in texture and in the tonal idiom, which first appeared in the late eighteenth century. Samuel Webbe (1740-1816) and Richard J. S.
Stevens (1757-1837) are its most representative composers. The typical glee was a homophonic structure using the phrase-period patterns. The first Glee Club, which met in a private home in London to sing a cappella ensembles, was organized in 1783. Samuel Webbe’s *Glorious Apollo*, composed in 1790, was thereafter used to open the meetings of this club (see *HAM*, Vol. II, No. 309).

The structure of *Glorious Apollo* is a simple A-B-A, all parallel periods, followed by a four-measure codetta.

**Art song**

The art song, or *lied*, is a type of accompanied solo vocal composition in which the melodic setting and the accompaniment combine to interpret the mood and meaning of the text. The greatest composer of the art song was Schubert; his works in this medium number over six hundred compositions. The date of the composition of *Gretchen at the Spinning Wheel*, October 19, 1814, may well be considered the birth date of the modern art song. As to form, the art song may be either strophic, as are Nos. 1, 7, 8, 9, 13, 14, 16, 20 of Schubert’s song cycle *Die Schöne Müllerin*, or through-composed, as is his *Erlkönig*. The pattern of the strophic art song may be two-part or three-part. The one-part art song is rare.

The accompaniment not only lends harmonic support, expression, or color to the setting, but often utilizes a motif derived from the suggestion of the text. This is illustrated in Schubert’s *The Erlkönig* and Nos. 5, 13, 16, 17 of *Winterreise*, as well as in *The Drum Major* by Hugo Wolf.

**Ballad**

In vocal music, a ballad is a setting of a descriptive or narrative character. Its form, therefore, often derives more directly from the text than is true in other types. Examples of the ballad include Schubert’s *Erlkönig*, Carl Loewe’s *Archibald Douglas*, Brahms’ *Verrat*, and Hugo Wolf’s *Der Feuerreiter*.

In instrumental music, the ballades of Brahms and Chopin are character pieces, generally in ternary form (A-B-A), the first part being dramatic, the second lyric, and the whole implying some narrative or descriptive association.

**ASSIGNMENT**

The following compositions may be considered for analysis or reference:

- Opera (including recitativo and aria types)
  - Mozart, *Don Giovanni*; Verdi, *La Traviata*; Bizet, *Carmen*; Wag-
Secular vocal types

ner, Göttterdammerung; Debussy, Péllea and Mélisande; Berg, Wozzeck.

Madrigal

HAM, Vol. I, includes madrigals by the following composers: Festa, No. 129; Arcadelt, No. 130; de Rore, No. 131; Palestrina, No. 142; Marenzio, No. 155; Gesualdo, No. 161; and Weelkes, No. 170.

Art Song

Select works of Schubert, Brahms, Wolf, and Debussy.
Section 7

Past forms and present trends
Forms in music before 1600

In the previous chapters, forms and types of music which are in the current repertoire have been discussed. In this chapter, types and patterns of music which have not been employed since the end of the Renaissance (c. 1600) but which were important in their day will be considered. The gradual emergence of a form-consciousness in Western music became evident as the liturgical functional music of the church developed from the monophonic chant to the polyphonic motet and Mass, as secular music progressed from the monodic troubadour and troubére type of folk-like music to the polyphonic art forms of the ballata and madrigal, and as instrumental music similarly progressed from the monodic estampie to the polyphonic canzone and ricercari of the later Renaissance.

In the early medieval period (300-1000), Gregorian chant was crystallized and the first Christian hymns appeared. From the standpoint of its potential for the future of music, the most epochal innovation of this period was organum, the first notation of polyphony in music. This is the decisive point at which the music of the Occident and that of the Orient separated.

Organum is the collective name for various types of two- to four-voice polyphony used in church music from 850-1200. The origin of the term is uncertain; despite the similarity of names, there was originally no connection with the organ. The first documentary evidence of organum is found in the ninth-century Musica Enchiriadis (Handbook of Music), apparently a composite work rather than the product of any one writer. In early organum, a counterpoint called the vox organalis was sung in parallel fourths or fifths (predominantly) against a chant melody called the vox principalis. The latter was the upper part in the two-voice type. In performance, the sections in organum were sung by soloists, alternating with the choir's performance of the unison chant.

From 850-1000, strict organum prevailed; in this type, a note-
Past forms and present trends

against-note treatment in predominant parallel fourths, fifths, and octaves was used. In simple organum, two voices were used; in composite organum, three or four voices.

In the following century, a type called free organum was used. The counterpoint occasionally had two to four notes against one cantus firmus tone, and contrary motion and crossing of parts were employed. The vox principalis was now the lowermost voice in all types of organum; henceforth it is called the tenor (from tenere, "to hold"), since this part literally held the notes of the chant. It was not until the fifteenth century that the term tenor referred to a particular voice register.

From the twelfth century on, a melismatic style was used—a group of notes, sometimes quite extended, was written against a single note in the tenor. Since this technique was used extensively at St. Martial (a monastery of Limoges in southern France), the term "St. Martial style" is sometimes used to identify melismatic organum.
One result of this innovation was that compositions became much longer. Another important consequence was the awakened sense of the necessity for establishing some principle and some notation of proportionate rhythms. In the earlier note-against-note style, this necessity did not exist. About 1175, measured organum came into being; in this type, the notes of the counterpoint were dispersed in notes of strict ternary rhythm rather than of free rhythm. Among the earliest works using this technique were those of Léonin. In his works, measured and melismatic organum were used alternately.

Pérotin, Léonin’s immediate successor at Notre Dame, used exclusively the measured style, now called discant. While Léonin had used but two voices (the cantus firmus and the duplum), Pérotin employed a three- or four-voice texture; the third voice was called triplum, the fourth quadruplum. Pérotin also composed clausulae, a polyphonic form which used as its cantus firmus the short melisma of a chant disposed in longer note values. The upper voices, in measured style, at first vocalized on some vowel. The eventual addition of an independent text for the duplum or triplum led directly to the thirteenth-century motet.

From the ninth to the thirteenth centuries, a practice which, while not form-defining in itself, eventually led to a specific pattern was that of adding new texts to melismatic portions of Gregorian chant. These additions were termed tropes. Soon, new melodies as well as new texts were composed, and were interpolated in the chant. The kind of a trope which eventually achieved a specific form was the sequence (or prosa). This was a textual and musical addition following (hence the name) the Alleluia. The sequence of Notker Balbulus of St. Gall (d. 912), Wipo of Burgundy (1000-50), and the formalization of a hymn-like structure by Adam of St. Victor (d. 1192) represent the three stages in the development of this form. The manner in which a text was substituted for a wordless melisma is indicated below:

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ex 187
Alleluia, “Dominus in Sina,”
Liber Usualis,
p. 732
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```
\[\text{Alleluia}\]
\[\text{Christus hunc diem jocundum cum cunctis concedat}\]
\[\text{esse Christianis amatoribus suis}\]
```
In the eventually-crystallized sequence pattern, a single line of music and text at the beginning and end frame from four to ten sets of rhymed couplets. The music for each line of the rhymed couplets is identical. The pattern is therefore: A B B C C D D . . . . . . . J J K. Sequence melodies have often been used in later compositions, particularly the Dies Irae (“Day of Judgment,” Liber Usualis, p. 1168-1171). An example of a twentieth-century application of sequence form is found in measures 5-22 of the third movement of Prokofiev’s Piano Sonata No. 2, Op. 14.

In the twelfth and thirteenth centuries a type of Latin song (developed probably from the rhymed tropes) accompanied the entrance of the priest—hence the name conductus. The text was a Latin poem and the music was freely composed. The polyphonic conductus was generally in three parts, with the same text and predominantly the same rhythm used in all the parts. The harmonic construction was based on the perfect consonances—unison, fourth, fifth, and octave. The conductus is the earliest example of a freely-composed type of composition in Western music.

The period of the later twelfth and thirteenth centuries is known as the ars antiqua; the most important liturgical form to emerge during this era is the motet (discussed in Chapter XXV). The monodic songs of the troubadours, trouvères, and minnesingers, originating in this period, constitute the first significant collection of notated secular music.

The troubadours, aristocratic poet-musicians of Provence in southern France, were active from 1100-1250. The two most important forms in which their music was cast were the canzo and vers. The canzo had the pattern A A B (||: A :|| B), a modified or enlarged two-part song form. This form is a frequently-found pattern in medieval music; it is used in the trouvére ballade and is identical with the bar form of minnesinger and meistersinger songs. In the vers, a melody in free form was set to a stanza; subsequent stanzas used this same melody. The vers, therefore, is a strophic form.

The trouvères, the northern French equivalent of the troubadours, flourished from 1150-1300. Where about two hundred and sixty troubadour melodies have been preserved, about fourteen hundred trouvére melodies are known. This may be one reason why a greater variety of trouvére forms have been established. These include the following:

1. Chanson—the trouvére equivalent of the troubadour vers.
2. Ballade—the trouvére equivalent of the troubadour canzo.

While the words canzo and chanson both mean “song,” it should be noted that each represents a different form, in troubadour and
Forms in music before 1600

trouvère music respectively.

3. *Rotrouenge*—a musical setting of a poem of a variable number of stanzas (surviving examples have from three to seven), in which the same melody was used for each line but the last. The form, therefore, was A A A A B. It is quite probable that this same form was used for the *laisse*, as each section of the *chançon de geste* was called.

4. *Rondeau*—a form based on a six- or an eight-line poem, containing but two rhymes. Its name derives from the fact that the form was *rounded*, so to speak, by the use of the same refrain at the beginning and end. The relationships of text and melody in the eight-line type are indicated in the following diagram, in which A B indicate the refrain:

Music: A B a A a b A B
Text: 1 2 3 4 5 6 1 2

5. *Lai* or *Ballad*—a form in which two, three, or four successive lines of text use the same melody. These are called double, triple, or quadruple *versicles*. Thus, a *lai* of Guillaume le Vinier, *Espris d'ire et d'amour*, has the form A A B B B C C D D D D E E E E, etc.

In the fourteenth century, double versicles, as used in the *sequences*, became standard; an early illustration of this type is found in the *Roman de Fauvel* (1310-16). The fourteenth-century German minnesinger counterpart of the *lai* is the *leich*, in which the sequence-like double versicle structure is strictly observed.

The possible derivation of *lai* from the Welsh *liais* or the Gaelic *laic*, meaning a musical sound or song, and the French reference to *lais* as Breton *lais* suggests a Celtic origin of the form as well as the term.

6. *Virelai* (from *virer*, “to turn,” and *lai*)—a modified ternary pattern:

Music: A b b a A (Capital A indicates refrain)
Text: 1 2 3 4 1

This pattern is also used in the following forms:

a. The thirteenth-century Italian monophonic hymns called *laude*, not to be confused with the sixteenth-century *laude* which are different in style and form (four-voice chordal and binary).

b. The thirteenth-century Spanish *cantigas*, or devotional hymns. Another Spanish name for the form is *villancico*.

c. The fourteenth-century Italian *ballata*, a polyphonic vocal form.
Past forms and present trends

Thirteenth-century polyphonic settings of troubadour and trouvere forms are identified collectively as polyphonic cantilenae.

The most important instrumental form of the thirteenth and fourteenth centuries was the estampie, a monophonic dance. Derived from the sequence form, it consists of from four to seven sections called puncti, each of which is repeated with first and second endings. If the same first and second endings are used for each of the respective sections, the pattern is identified as a rounded estampie. A three- or four-section dance was also called ductia. The earliest-known example of the estampie is also the only one having a text, the troubadour song Kalenda Maya (“The Month of May”) by Raimbault de Vaqueiras (1180-1207).

An unusual procedure found in vocal and instrumental compositions of the thirteenth and fourteenth centuries is that of the hocket or hoquetus (from the root word for “hiccough”). In the hocket, the notes of a melody were alternately divided between two or more parts. This technique was applied within a larger form or used throughout a self-contained composition. A hocket-like technique is found in the developmental fragmentation of a melody in symphonic and chamber music works, and is revived as an important structural device in tone-row composition. In the following example, the original presentation of the theme is shown in A, hoquetus (and measure permutation) in B.

EX 188

Allegro assai

Alla danza tedesca

Beethoven, String Quartet, Op. 130

The fourteenth century is termed the ars nova, a name derived from a work of that title by Philip de Vitry (1325). The innovation of the “new art” included the establishment of duple meters and
rhythms, the use of notes of shorter value, polyrhythms, syncopation, change of meter, a freer melodic line, and the tendency toward triad structure. The music is characterized by refinement, expressiveness, and by a flexibility considerably in contrast to the rigidity of the music of the *ars antiqua*.

The most important new form of the Italian *ars nova* is the *madrigal*, an unaccompanied polyphonic vocal work with its text in the vernacular. Between 1300 and 1600, three principal types were established, the fourteenth- and sixteenth-century Italian madrigals and the sixteenth-century English madrigals.

The fourteenth-century type, found in the works of Jacopo da Bologna, Giovanni da Cascia, and Landini, was set for two or three voices. Its pattern was a direct outgrowth of the poetic form. Two or three verses of three lines each were followed by a two-line stanza called a *ritornello*, set in a different meter. The music for each of the three verses was the same, while a new setting was provided for the *ritornello* stanza.

In the sixteenth-century madrigal, a three- to six-part texture is used. The earlier madrigals of Verdelot and Arcadelt are more homophonic, those of de Rore, Gabrieli, Marenzio, and de Lassus, more contrapuntal. Form is less strictly observed than in the fourteenth-century type.

The English madrigals of Byrd, Morley, Weelkes, and Wilbye, while deriving from and influenced by the Italian type, nevertheless established an individual style. Two particular moods are represented—one of a light and merry character (*Now Is The Month of Maying*, by Morley), and the other a kind of tender pathos or melancholy (*Adieu, Sweet Amarillis*, by Wilbye).

The *madrigal comedy* was a composite form of the late sixteenth century in which a play was set to a succession of madrigals. Each character was represented by an ensemble of three or more voices. One of the first of the madrigal comedies was *L'Amfiparnaso* of Orazio Vecchi, performed in Modena in 1594. Giovanni Croce and Adriano Banchieri are among other Italian composers who used this pre-operatic form.

Another form like the madrigal comedy, standing on the very threshold of opera, is the *intermezzo* (from the Latin *intermedius*, "intermediate"). The intermezzo is a humorous musical play of independent plot, in the nature of an interlude performed between the acts of a serious play or opera. Among the first examples are the *intermedi* performed between the acts of Bardi's play *L'Amico Fido* (1589). The first true masterpiece in this form is Pergolesi's intermezzo *La Serva Padrona* (1733). Like its larger operatic counterpart, the intermezzo is a composite form with arias, duets, etc.
Past forms and present trends

During the fourteenth century, canon and double counterpoint became consciously developed. The following canonic types emerge during this period:

1. *Rota* — a strict canon in which the voices enter one after the other. *Sumer is icumen in*, dating from about 1310, is the most famous of this category. It consists of a four-voice canon over a two-voice ostinato, called a “pes.”

2. *Rondellus* — a canon in triple counterpoint in which three voices begin simultaneously, and within three phrases mutually imitate each other.

3. *Caccia* (hunt, chase) — a strict canon of the Italian *ars nova* for two voices. The follower imitates the leader after eight or more measures, accompanied by an instrumental part in longer note values. The text describes hunting and fishing scenes in a lively manner.

4. *Chace* — the French form corresponding to the *caccia*. It consisted of but two voice parts, with no accompaniment.

In the thirteenth and fourteenth centuries, most polyphonic music had consisted of three parts. Four-voice polyphony appears in the works of the early fifteenth-century Flemish composers Ockeghem and Obrecht. The latter is the first composer of a considerable number of purely instrumental works. In these, as in his vocal works, the techniques of imitative and motivic treatment become firmly established. His instrumental composition *Tsaat een Meskin* (“A Maiden Sat”), 1501, is an instrumental canzona, perhaps the very first, occurring almost a full century before this form came into frequent use.

The *frottola* is a late fifteenth- and early sixteenth-century secular vocal form which employs either a three- or four-voice texture. Like the earlier *virelai* and *ballata*, its form is ternary. The initial refrain (A) is called *ripresa*, the intermediate lines of text (B) *piedi*, and the concluding refrain (A') (of which text and melody are identical with the *ripresa*), is termed *volta*.

Music: \[ A \quad B \quad A' \]

Lines of Text: \[ 1 - 3 - 4 \quad 2 - 5 \quad (6) = 1 \]

In a generally chordal style, the *frottola* were love songs which found much favor among the aristocracy of northern Italy.

Secular instrumental music began to assume an important role for the first time in the sixteenth century. Up to that time, instruments by themselves were used principally in dance music. By the sixteenth century, lutes, viols, and recorders were developed sufficiently to warrant their use not only in functional music but as media for artis-
tic communication. Other instruments — wind, brass, and string — were as yet in a rudimentary stage.

For instruments in general there was not yet a repertoire nor even, as there had been and were for voices, available forms. Consequently, the first instrumental works were conceived, in Morley's words, as "apt for voice or viols." The Italian equivalent is found somewhat earlier in the title inscription of Willaert's *Fantasie, Ricercari, Contrapunti . . . appropriati per cantare é sonare d'ogni sorte di stromenti* (1559); "stromenti" refers to ensemble instruments such as viols or recorders. In other cases, instrumental forms such as the *canzona* simply borrowed the structural plan of vocal forms. This procedure explains the origin of one of the early types of the *ricercar*.

*Ricercar* or *ricercare* is derived from the Italian *ricercare*, "to search;" hence the connotation of a "study," in the sense of an etude or of a "learned" form. The title first appeared in a work by Francesco Spinacino published in Volume II of Petrucci's *Intabulatura de Lauto* (1507). This work is a fantasy-like alternation of running passages and chords. Similar ricercari for solo viol were also composed. In later lute ricercari, a more contrapuntal and imitative texture was employed.

The most characteristic form of the ricercar, however, is an instrumental adaptation of the sixteenth-century motet. Usually consisting of three or four instrumental parts, it is sectional in division, each section introducing a new motive which is imitatively treated throughout the section (*HAM*, Vol. I, No. 115).

The ricercari of Cavazzoni (1542) are among the first examples of the imitative type for organ. Each section is lengthened and developed somewhat more extensively than in the earlier instrumental form. There are, therefore, fewer sections. The reduction of sections eventually leads from the polythematic organ ricercar to the monothematic fugue, a transition in which the ricercari of Frescobaldi are important links. The fugue is not only distinguished from the ricercar by having one theme, but also by the nature of that theme; the fugue theme derives more from the rapid or reiterated-note canzona subject than from the somewhat ponderous long note theme of the ricercar.

The term ricercar is also used for a type of vocal study of the late sixteenth and early seventeenth centuries. As indicated previously, imitative contrapuntal vocalizations for two voices (without text) were possibly the prototypes of the Bach two-voice inventions.

Perhaps the last Baroque example of a sectional ricercar is that found in Bach's *Musical Offering* (1748). Thereafter, this form is entirely neglected until, like the passacaglia, it is revived as a result of the neo-Baroque trend in twentieth-century music.

The *quodlibet* (from Latin "what you please") is a type of vocal
composition particularly favored by German composers of the fifteenth and sixteenth centuries, in which two or more known melodies are contrapuntally combined, either in whole or in part. It is, therefore, a polyphonic medley. Examples may be found in *HAM*, Vol. I, Nos. 80 and 82, and in the final variation of Bach’s *Musical Offering*. A recent illustration is the section of Honegger’s *Christmas Cantata* in which four carols are sung simultaneously.

For the most part, these forms in music before 1600 can no longer be considered active, but their existence in the development of musical forms is important. As in the case of the Honegger example, there are isolated cases in which an antique form is reutilized.
Twentieth-century techniques

In the twentieth century, new concepts of tone relations and a new aesthetic of music become established. An understanding of these new concepts is helpful and in many cases necessary in order to comprehend the forms in use during this century. This understanding involves not only the new idioms in themselves, but also their relation to the idioms and periods of the past (review the chart at the beginning of this book).

From the establishment of Gregorian chant through the Renaissance, Western music was predominantly based on and derived from modal patterns. During this period, music was monodic until about 850, at which time organum ushered in the age of polyphony. From 850 to 1400, only the perfect consonances — the unison, fourth, fifth, and octave — were approved as the essential vertical intervals, being used in parallel motion as well as for “chord” groupings; other intervals which were utilized vertically were considered to be passing intervals. About 1400, with Dunstable as a pivotal figure, music, both in its melodic and harmonic construction, became triadic — that is, the third and sixth were recognized as essential vertical consonances, and the resulting groupings were triads. From 1400 to 1600, music, now based on modes and triads, may be termed modal-triadic. After 1600 major-minor tonality, not mode, provided the basis for Western composition. Triads or extensions of triads into sevenths, ninths, and elevenths were still the harmonic foundation, and the music of the period from 1600-1900, spanning the Baroque, Rococo, Classic, and Romantic periods, may be termed tonal-triadic. In the early twentieth century, the next significant departure occurred when a host of new techniques was introduced. These are so numerous and often so conflicting that any homogeneous grouping or identification would seem to be impossible. However, it will be found that from the viewpoint of melody and harmony, the non-traditional music of the twentieth century differs from the music of the past three hundred
years in being non-tonal or non-triadic. In addition, there are new rhythmic and metric relationships, and the range of music is extended by the use of new sounds, the latter including both pitches and colors.

The free use of dissonance—of seconds, sevenths, altered fourths and fifths — and of dissonant chords without preparation or resolution is one of the significant differences between twentieth-century music and the modal and tonal triadic music which preceded it. Schönberg aptly termed this procedure the "emancipation of the dissonance." "What distinguishes dissonances from consonances," he wrote, "is not a greater or lesser degree of beauty, but a greater or lesser degree of comprehensibility . . . The term 'emancipation of the dissonance' refers to its comprehensibility. A style based on this premise treats dissonances like consonances and renounces a tonal center."¹

The following outline contains brief illustrations of the principal twentieth-century techniques.

**Non-tonal or modified tonal techniques**

1. **Shifting tonalities.** This technique accepts tonality, but instead of a melody being in one key for some time, the melody, its harmonization, or both, modulate often and abruptly and to remote keys.

```
<table>
<thead>
<tr>
<th>Violin</th>
<th>Cello</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \text{Molto vivace} )</td>
<td>( \text{woodwinds} )</td>
</tr>
</tbody>
</table>
```

cept that a progression or a grouping can imply two or more roots has been challenged by some theorists, polytonality is an established technique.

4. Unusual or synthetic scales and patterns. Established scales foreign to either the modal or tonal repertoire of Western music are utilized. In addition, synthetic scales, such as the "modes" of Messiaen, are used for the construction of melody and harmony. Among such less usual scales are the following:

In this category are also included synthetic units, systems, and schemata which provide a basis for melodic, harmonic, dynamic, and rhythmic organization.

5. Duodecuple (or duodecimal) music. This is music based on the concept of the equal functional importance of the twelve semi-
Past forms and present trends

tones. There are three types of duodecuple music:

a. Duodecuple music, usually with no key center, based on the
tone-row system (discussed in detail later in this chapter).
b. Duodecuple music with no key center, but not based on a
tone row.

c. Duodecuple music with a key center, a technique which was
given its theoretic exposition in Hindemith's Craft of Musical
Composition.

6. Microtonal music. A microtone is an interval smaller than a
semitone. Alois Hába, among others, has written much quarter
tone music, while Julián Carrillo has employed even smaller
intervals, namely, eighth and sixteenth tones. Some composers
(Bloch in his Piano Quintet, Copland in the trio Vitebsk) have
used quarter tone passages briefly as "color" effects. Micro-
tones have some functional value in electronic music but not
as a basis for a new idiom in Western music. While microtones
are germane to the music of the Orient, they are alien to the
idiom, technique, aesthetics, and aural psychology of the semi-
tonal Occidental music. For this reason it is doubtful whether
microtones can either be implanted on or transplanted into
Western music.
Non-triadic or modified triadic techniques

1. **Parallel chord movement.** The chord is treated as a unit and moved in block-like fashion. This technique was established in Impressionistic music.

2. **Chords with added tones.** This was also an Impressionistic innovation which, while based on the triad, used added tones as unresolved diatonic dissonances.

3. **Pan-diatonicism.** In this technique, a reaction against Romantic and post-Romantic chromaticism, all diatonic combinations within a mode or a tonality are legitimized. The result may be termed "diatonic dissonance," in contrast to the "chromatic dissonance" found in much tone-row music.

4. **Quartal music.** This involves the construction of both melody and harmony on superimposed fourths rather than on thirds. Parallel progressions of three- and four-note fourth chords are frequently used. Quartal and triadic groupings may also be combined.
Past forms and present trends

EX 198
Scott, Poème


5. Chord Clusters. A vertical grouping of three or more consecutive scale steps constitutes a cluster. This technique has been more frequently used in piano music, although it is occasionally found in other media.

EX 199
Berg, Wozzeck, Act III, Scene 4


6. Chord construction in tone-row music. Assuming their presence in one of the melodic versions of a series, any intervals or combination of intervals may constitute a “chord” in tone-row music. Tone-row chords in atonal music have no function beyond their immediate sound and identity.

The serial or tone-row system

The tone-row system is a technique of composition in which a series of twelve different semitones, called a tone row, is utilized as a basis for the total construction of a work, including its melodic, harmonic, contrapuntal, structural, and color components.

Although twelve-tone serial music is often atonal, it evolves out of tonality in a quite direct line through the increasingly chromatic music of the nineteenth century. The occasional chromaticism of Classicism is exemplified in the introduction to Mozart’s Quartet in C major (K.465, called “The Dissonance”) and the introduction to Beethoven’s piano Sonata, Op. 13 (“Pathétique”). The increasing incidence of chromaticism is illustrated in the chronological succession of the following works: Schumann’s Scherzo of the Symphony No. 1; Chopin’s Prelude No. 1; Wagner’s Tristan and Parsifal; Franck’s Sonata for violin and piano; Strauss’ Elektra and Zara-
thustra; and Schönberg’s *Transfigured Night*. One result of the increasing chromaticism was the broadening of the concept of key relationships to the point where any one key could be related to all other keys, major and minor; through altered and enharmonic triads and sevenths, harmonies hitherto considered only remotely related were now used in direct succession. In this respect, the influence of programmatic associations, as in the “Tarnhelm” and “Sleep Motive” of Wagner’s *Ring*, is noteworthy. The melodic consequence of free harmonic progression was the creation of themes in which chromatic tones tended less and less to be merely alterations of a heptatonic (seven-tone) scale, as in measures 17-24 of the Finale of Beethoven’s *Sonata*, Op. 10, No. 3, and more and more to become “essential tones.” The latter tendency is illustrated in the “Faust” theme of the first movement of Liszt’s *Faust Symphony*, which already contains twelve different semitones in immediate succession, the theme of Reger’s *Passacaglia*, Op. 96, and the fugue theme of Strauss’ *Zaratustra*. In fact, the potential of chromaticism and twelve-tone music was suggested in the subject of Bach’s *Fugue* in B minor (*W-TC*, Vol. I) which similarly employs all twelve semitones.

With the concept of one key so expanded that it can include all other keys, the feeling of a central tonality becomes gradually attenuated until inevitably the consciousness of key center in the traditional tonal sense is lost. The structural implications and associations of tonality are correspondingly either weakened or destroyed, and a new foundation for non-tonal forms must be constructed. The term “atonal” comes into being. If the term is understood in a narrow sense as denying or negating traditional tonality, it is valid; if it is taken to mean “without key in any sense,” its implications may be debatable. It is questionable, from an acoustical-psychological viewpoint, whether any progression or combination within our Western system of twelve semitones may be comprehended without some reference, however vague or transitory, to a key center. However, twelve-tone music, whatever its orientation, becomes an actuality in the early decades of the twentieth century. That such music was “in the air” and is not the invention of but one man is evidenced by the fact that before, or contemporaneous with, Schönberg, other composers were utilizing a twelve-tone (“atonal”) idiom. Among these were the Frenchman Désiré Pâque (b. 1867); the American Charles Ives (b. 1874); the Viennese J. M. Hauer (b. 1883); and the Ukranian Jef Golyshcheff (b. 1895). It was Arnold Schönberg who organized twelve-tone music into a strict and disciplined system which subsequently provided a point of departure for composers throughout the world. Although Schönberg’s earlier works anticipate his system, the first composition in which tone-row principles were consciously applied
Past forms and present trends

was the *Five Piano Pieces*, Op. 23 (1923).

The order and pattern of the twelve tones comprising a row are altogether an individual choice and not predetermined by key or mode associations. The row and its variants are melodic units; rhythmic patterns are not pre-established in the same sense that melodic patterns are, although rhythmic motives are utilized in a constructive sense. The basic pattern is known as the original series (0). Three melodic variants are derived from this original series; the inversion (I), the retrograde or contrary motion (R), and the inversion of the retrograde (RI).

Illustrated below are the four versions of the “row” of Schönberg’s *Phantasy* for violin and piano, Op. 47 (*AMF*, No. 30):

Since each pattern may begin on twelve different degrees, there are forty-eight versions in all which may be utilized. In addition, chords may be constructed by the vertical arrangement of three or more consecutive tones of any of the patterns. These chords have no harmonic function in the sense that tonal-triadic chords do—they do not “progress” nor are they “related,” although Krenek has suggested a classification of harmonies on the basis of more or less dissonant components.

Symmetrical motivic construction within a tone row is a frequently-employed device. A series may thus be composed of four three-note figures, three four-note figures, or two six-note figures. In the following series from Schönberg’s *Ode to Napoleon*, Op. 41, the row is composed of a symmetrically treated three-note figure:
In this series, 4-5-6 is the retrograde inversion of 1-2-3 and 7-12 is the transposition of 1-6 up a major second; the inversion and the retrograde are identical, and the retrograde inversion gives the original series.

Tone-row music is particularly associated with expressionism, discussed later in this chapter. It exploits combinations which, in tonal music, had been considered essential dissonances. From the standpoint of the derivation of a composition from a series, it is based on the technique of continuous variation. Melodies are often constructed by using a succession of varying timbres as well as varying pitches. These are termed tone-color melodies (Klangfarbenmelodie). (See AMF, additional selections, Webern, Symphony, Op. 21, p. 149.) While many examples of serial music are in free form, the adaptation of some traditional patterns such as the canon, sonata, and passacaglia has been successfully achieved in numerous instances. Older techniques and forms, such as the hoquetus and retrograde canon, are often employed. That tone-row procedure allows an individual approach is revealed in the distinctive character of Berg’s lyric qualities and Webern’s detached sonorities, which result in a kind of musical pointillism. Total serialism applies to all aspects of composition—pitch, dynamics, timbre, and duration—predetermined mathematical relationships (parameters).

The recurrent use of motives or themes had been the basis of compositional technique since the fifteenth century. As exemplified in the works of late Webern and of Boulez, serial music is often atheumatic. Such music does not evolve from traditionally-used themes or motives but from the sequence and combination of ideas which form a free continuum of motion, density, and tension. Subsequently, atheumatic procedure is found in non-serial music also.

An overall analysis of Schönberg’s Phantasy for violin and piano, Op. 47 (AMF, No. 30) reveals it as a free form, the ten sections and coda being divided into measure units, corresponding somewhat to phrases and periods. The sectional divisions coincide with the changes of tempo and character. A partial detailed analysis is given in the
Past forms and present trends

example in Anthology of Musical Forms. Complete this analysis for a better understanding of the technique involved.

New rhythmic techniques

1. *New meters.* From 1600 to 1900, Western music used almost exclusively only duple or ternary meters: $\frac{2}{4}$, $\frac{3}{4}$, $\frac{\pi}{4}$, etc. The use of meters such as $\frac{5}{4}$, $\frac{\pi}{8}$, and $\frac{11}{4}$ came into being as the desire and need for greater freedom and more varied resources manifested themselves.

2. *Changing meters.* In traditional music, one meter was generally adhered to throughout a movement or an extended section. The rapid change of meters is one of the most characteristic aspects of twentieth-century music, ranging in complexity from such occasional changes as are found in No. 71, Vol. III, of Bartók’s Mikrokosmos to the following successions of changing meters found in Stravinsky’s Rite of Spring:

3. *Large measures with no secondary accents.* This is a device associated with the purely percussive repetition of notes or chords in motoric music.

4. *Non-accentual rhythm.* In this type, ties and non-symmetric groupings counteract the normal metric accent associated with the beginning of each measure.
5. **Shifted accents.** The normal accent in symmetrically-conceived music occurs on one and three of duple patterns and on one of ternary patterns. The accentuation of other units is achieved either by notation (accent marks or beam lines) or by weight in scoring.

\[ \text{Vivace } j = 126 \]

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6. **Non-symmetrical divisions within the measure.** In traditional music, the normal divisions within a \( \frac{3}{4} \) measure were \( \underline{j} \underline{j} \), \( \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \), etc. Groupings of \( \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \), or \( \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \underline{j} \), are examples of the kind of asymmetrical groupings now found within the measure.

\[ \text{Allegro } j = 152 \]

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7. **Compound signatures.** A compound signature may consist of:

(a) two meters applying to successive measures,

\[ \text{Allegro vivace} \]

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or (b) a compound meter applying to a single-measure group.

\[ j = 350 (d \underline{j} \underline{j} = 39) \]

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8. Polymeters. In music composed since 1600 (when the use of bar lines first became customary), the same meter was written for all participating voices or instruments in a particular section of a composition. Polymetric writing was a common device in fourteenth-century writing, but was not frequently used thereafter. The simultaneous use of different meters, either written or implied, is anticipated in certain of Brahms' compositions. (See, for example, measures 315-321 of the Haydn Variations for orchestra.) In the following example, the music is not only polymetric but also simultaneously combines two different tempi.

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9. Application of serial techniques to rhythm. In early serial music the tone-row technique primarily involved pitch relationships. Serialization of rhythm is found in Messiaen's Etudes de Rhythme (1949), and is subsequently developed in works by Boulez and Stockhausen.

New sounds
The relation of color to structure is evidenced in the repetition of a phrase or period with a change of color and the use of this device as a substitute for development, particularly by nineteenth-century Russian composers. An extreme instance of this procedure is found in Ravel's Bolero. From Berlioz through Liszt, Wagner, Strauss, Debussy, and Stravinsky, instrumental color becomes of increasing importance in music. In the twentieth century, the new departure is not in degree of color — that is, color resulting from different uses of the same basic materials, voices, instruments, and the tempered scale — but in kind of color. The alteration of older colors or syn-
thesesization of new sounds and pitches is found particularly in two areas: *musique concrète* and electronic music. The first is a movement of French origin. Various types of sounds are recorded. The pitch and quality of the sounds may be reproduced exactly or they may be altered by increasing or decreasing the speed of the playback.

In electronic music, oscillations produce sounds differing from conventional music in both pitch and quality. These are combined either with each other or with tempered scale pitches (sung or played).

In both *musique concrète* and electronic music, a composition exists only in its performance on tape or in some recorded form; it is not notated in any conventional manner, nor can it be studied aside from its actuality in performance in the sense that a Beethoven sonata or symphony may be studied in score. In both categories of synthetic music, the forms are (almost necessarily) free, with rhythm, color, and melody taking precedence over harmony; its aesthetics derive not so much from patterns of measured sounds in time as from relations and successions of sonorities. Examples of *musique concrète* include Otto Luening and Vladimir Ussachevsky, *A Poem in Cycles and Bells* for tape recorder and orchestra, Composer's Recordings, Inc. Examples of electronic music include Karlheinz Stockhausen, *Study I — Study II — Gesang der Jünglinge*; Herbert Eimert, *Etude on Sound Mixtures*.

*The structural implications of twentieth-century trends*

Unlike previous periods when but one or two important trends are predominant, the first half of the twentieth century is characterized by the multiplicity and coexistence of diverse trends. Each of these trends is not only an outgrowth of a reaction to a respective present, but in a unique way also represents a reaction to a past; in some cases immediate, in others distant. Thus, Impressionism is in part the outgrowth of a conscious rejection of later German Romanticism, while neo-Classicism represents an adaptation of Classic and pre-Classic procedures. In varying proportion, each of the twentieth-century trends has form-defining qualities, and it is this aspect of the music which will be our primary concern in discussing the following tendencies:

1. *Post-Romanticism*. As exemplified in the works of Elgar, Bruckner, Mahler, Richard Strauss, earlier Sibelius, and Rachmaninov, post-Romanticism accepts the procedures, harmonies, and patterns of later nineteenth-century music. The symphony and tone poem are examples of the use of larger forms, while smaller forms generally follow established and accepted patterns.
Past forms and present trends

2. Impressionism. Debussy’s Prelude to the Afternoon of a Faun (1892) may be taken to mark the beginning of Impressionism as a significant trend. While, as in the Sonatine for piano and the String Quartet of Ravel, Impressionistic devices are reconcilable with established patterns, the use of free form (as in Debussy’s Préludes and La Mer) is most characteristic of Impressionism. Though the music is non-contrapuntal in a linear-melodic sense, there is a subtle use of rhythmic counterpoint. Non-symmetrical rhythms and melodic patterns are used and cadences are often evaded or blurred. Color becomes an important element of both structure and communication; declamatory and rhetorical expressions are avoided. The reaction against the self-conscious seriousness of later Romanticism is expressed in a quality of seeming casualness; the structural correlatives are the avoidance of the climax type of development found in Romantic music, in which sequences and extended phrases are much employed, and the application of a new type of development in which fragmentary allusion is a principal device. Sectional treatment is frequently employed.

3. Nationalism. A distinction must be made between the national character of such works as a Beethoven symphony or a Verdi opera on the one hand, and the nationalistic folklorism of Smetana’s Bartered Bride or Copland’s Rodeo. When the term nationalism is used, it is the latter type which is usually inferred. Nationalism in music assumes importance from the latter part of the nineteenth century, particularly in those nations of Europe and America which, unlike Italy, France, and Germany, had no long heritage of art music and which consequently sought independent traditions in their musical folklore. Folk melodies and dance rhythms are the principal sources of folkloristic nationalism. The structural influences of these materials are evidenced in smaller units, from the motive to the phrase group in extent, rather than in the proportions of larger patterns. In the music of Bartók, the structural influence of folk-derived patterns is carried over into such abstract works as his string quartets and piano concertos.

4. Dynamism (neo-barbarism). Bartók’s Allegro Barbaro (1910) and Stravinsky’s Petrouchka (1911) are among the earliest examples of dynamism in twentieth-century music. Motor animation, the use of ostinato patterns, angular rather than lyric melodies, motivic rather than phrase-period units, and an “objective” rather than a “subjective” approach are the distinguishing characteristics of this type of music. The replacement
of the (lyric) opera by the (motoric) ballet as the most important stage form during the first part of the twentieth century is an evidence of the shaping influence of dynamism in the area of the larger forms.

5. Expressionism. Communication and expression are accepted as the objectives of music, the expression being that of an inner self — of the “subconscious ego” in a psycho-analytic sense. Expressionism originally designated a parallel movement in painting and plastic arts in which a revelation of a hidden reality was sought through the depiction of distorted and abstract forms. The Three Piano Pieces, Op. 11, of Schönberg (1907) are among the earliest expressionistic works in twentieth-century music. The “emancipation of the dissonance” and the abrogation of tonality are associated in the earlier phases with works of extreme brevity. After the crystallization of the tone-row technique, the latter becomes the principal idiom of expressionism. In serial music, as has been noted, the principal device is one of continuous variation, the tone row appearing in various transformations and transpositions. Non-strophic patterns and free forms are those most frequently employed. Traditional structures (sonata, passacaglia, invention) are adapted with a considerable modification of external features. While the forms used by Schönberg and Berg derive somewhat from traditional patterns, Webern’s later works reveal a greater departure from traditional structure. The music — no longer organized around thematic identities — may be termed athematic; it is further characterized by an extensive use of varieties of canonic imitation, rarefaction of texture, extreme concentration of material, and conciseness. (See AMF, p. 149.)

6. Neo-Romanticism. This term has been so variously used that it must necessarily be accompanied by a chronological modifier. Twentieth-century neo-Romanticism, also associated with the acceptance of expressive communication as the object of music, uses a less radical means than does expressionism. The Schelomo of Bloch, the Fifth Symphony of Prokofiev, the London Symphony of Vaughan Williams, and the piano Sonata, Op. 26, of Samuel Barber are representative works. Lyricism, long melodic lines, and the frequent use of rhapsodic (free) patterns in conjunction with twentieth-century idioms are the distinguishing characteristics.
7. **Jazz.** American jazz became established about 1915. Characterized by syncopations, polyrhythms, and the use of the flatted third and seventh, jazz has rediscovered the nearly-lost art of improvisation. A sectional design with variation treatment is one of the principal plans used in making “arrangements.” Ostinato patterns (as in “boogie-woogie” and “bebop”) from one to two measures in length are frequently used. The relatively few Gershwin works, *Rhapsody in Blue*, *Preludes* for piano, *Concerto in F*, and *An American in Paris*, still represent the most successful attempts to establish jazz as a “concert” rather than as a “functional” type.

8. **Neo-Classicism (neo-Baroque).** The use of seventeenth- and eighteenth-century forms and procedures in conjunction with twentieth-century idioms, anticipated by Busoni among others, becomes a major trend beginning with the following works of Stravinsky: *Sonata* for piano (1922), *Octet* (1923), and *Concerto* for piano (1924). A polyphonic texture, “dissonant” counterpoint, pan-diatonicism, and neo-modality are frequently-found characteristics in the revival of such Baroque forms as the concerto grosso, ostinato, ricercare, passacaglia, and toccata. A more homophonic type of neo-Classicism is found in such works as the Prokofiev *Second Violin Concerto* or the Ravel *Sonatine* for piano, the patterns of which derive from post-Baroque forms.

9. **Existentialism and Chance Music.** In all previous music it was assumed there could be no deviation from the succession and combination of notes once a composition was written. For example, it would be inconceivable to play haphazardly measures 1-14, 40-56, 15-35, 102-112, etc. in a Beethoven sonata movement. In chance music, on the other hand, the performer is given the liberty of selecting the order and sometimes the manner (tempo, nuance) in which units or sections are to be performed or combined. This procedure, anticipated by Ives, is found in the Stockhausen *Klavierstück XI* and in the Boulez *Third Piano Sonata*. In its emphasis on the immediate present (the unit played) as independent of any preestablished context (the composition as a whole) chance music is a correlative of Existentialism. The latter similarly postulates that the only true “reality” is the immediate present, self-contained and detached, independent of a necessary past and a determined future.
10. *Synthesism.* For purposes of analysis, specific techniques and specific trends in twentieth-century music are separated and defined. Exceptionally, it is true that a certain work may exemplify only one particular technique (No. 131, fourths, or No. 136, whole-tone scale, of Bartók's *Mikrokosmos*, Vol. V) or one particular trend (the expressionism of Schönberg's Op. 11). Most frequently, however, twentieth-century works represent a combination of several techniques and tendencies.

The integration of differing techniques and trends within a single work may be termed *synthesism.* The word integration is used advisedly, representing a coalescence, a fusion, a compound as opposed to a mixture or an aggregate of devices. An example of synthesism is found in the *Second Violin Concerto* of Prokofiev, in which the technique of triadic tonal harmony, shifting tonality, changing meters, a neo-Romantic content, and a neo-Classic form are combined.

In the Bloch *Second String Quartet*, a duodecuple idiom, polytonality, changing meters, a rhapsodic first movement, a dynamistic second movement, an (in part) Impressionistic third movement, and a neo-Classic fourth movement combine to form one of the great string quartets of the twentieth century.

Synthesism is thus a twentieth-century eclecticism which does not violate aesthetic coherence. “Eclecticism characteristically appears where several powerful antagonistic systems are in the field, hence in an era of developed historical consciousness.” This description, found in Webster's *New International Dictionary*, is particularly applicable to music in the first half of the twentieth century.

Finally, a single composer's works may include examples of differing and often conflicting trends. Of Stravinsky's works, *The Firebird* is post-Impressionistic, *Rite of Spring* dynamistic, the piano *Sonata* neo-Classic, and the *Norwegian Moods* neo-Romantic. Similarly, Copland's *Sextet* is dynamistic, *Rodeo* nationalistic, the *Appalachian Spring* neo-Romantic, and the *Piano Rhapsody*, in part, expressionistic.
The function of form and the creative process in music

Familiarity with and analysis of style and form enable us to make some broad generalizations and arrive at certain conclusions which not only give a clearer contextual understanding of specific forms but clarify the function of form in music. The term “function” is here used in its broadest sense, signifying not only purpose but also the interrelationships (from the standpoint of form) of design, acoustics, psychology, proportion, historical and stylistic factors, objectives, aesthetics, folk, functional, and art types, the compositional process, communication and evocation, and finally, ultimate significance. It is with these interrelationships that the present chapter is concerned.

From the standpoint of adherence to or departure from a fixed, preestablished pattern, there are, as we have noted, two types of forms — closed and open structures. The three-part song form (A B A) is an example of the first, a free fantasy an example of the second. The fugue, with its traditional exposition and free sectional form, is an intermediate or hybrid type. As to procedure, there are four basic categories. A composition may consist of (a) a single statement, as in a simple folk song or in the Chopin Prelude in A major; (b) a statement followed by some elaboration, as in a two- or three-part song form; (c) a statement of one or more themes followed by an extensive development or variations, as in a sonata movement or a series of variations; (d) a motivic treatment which may or may not be imitative, as in a Palestrina motet, a Bach fugue, a Chopin étude, or a Schönberg tone-row work.

Considering overall structure, there are two types of forms: the simple design consisting of but one basic pattern, such as the one-, two-, three-, or five-part song form; and the compound form, such as the song form with trio, the sonata, opera, or oratorio, which combines two or more simple designs. From the standpoint of relation-
ships to other art expressions, there are two kinds of music—autonomous or abstract music, which, except for some few textless vocal works, is instrumental, and associative music, music written to a text or based on some extramusical association. Autonomous music is non-representational; it depicts no scene, states no fact, and has no literal meaning. It does, however, have certain connotative and denotative implications. In this category are such works as a Bach fugue or a Mozart symphony. Associative music includes songs, program works, opera, and ballet. The medium may be vocal, instrumental, or may combine voices and instruments.

Musical forms are governed not only by musical canons but also by acoustic and psychological principles. In the hearing of a composition, only a limited number of successive sounds are grasped as an entity. Therefore, the immediately present music must constantly be related to the music already heard but not part of the present entity. Consequently, the apprehension and comprehension of a particular work is dependent on memory, the determinants of which are found in those psychological principles known as the laws of association. The latter are usually stated as the principles of primacy, frequency, recency, and vividness. Thus, a main theme establishing the basic character of a work or movement is stated first (primacy); an important motive is reiterated numerous times in the course of a movement (frequency); an anticipatory retransition brings to mind a theme immediately before the theme is restated (recency); a new theme (or one previously heard) is stated in a contrasting key, in a new color or register, or with a new accompaniment pattern (vividness).

Forms evolve out of a feeling for organization which is innate and which grows out of the human instinct to make or construct. The tendency toward and feeling for construction involves physiological, psychological, and aesthetic factors. The feeling for organization is applied to the grouping of sounds in repetition and alternation, in similar and in varied patterns. A prototype for certain musical patterns and procedures is found in the formal properties of both physical and mental being and behavior; here, patterns of motion and rest, excitation and release, sudden change, preparation and fulfillment, are among the many which provide a sensory basis for corresponding musical designs. As the folk and functional aspect of music is gradually joined with or replaced by the contemplative aspect, more deliberately planned and consciously-used forms are utilized.

The establishment of the temporal limits for the number of successive sounds which may be grasped as an entity provides a clue to the psychological-acoustic basis for phrase structure. In relationship to auditory factors it has been established that the upper limit of the
Past forms and present trends

psychological present is about twelve seconds. Twelve seconds is the duration of four 3/4 measures at the rate of $\mathbf{j} = 60$ or four 4/4 measures at the rate of $\mathbf{j} = 80$. We may term the twelve-second unit the temporal conceptual span. The mind—creative as well as analytic—tends to organize and group smaller units into progressively larger ones — figures into motives, motives into phrases, phrases into periods, etc. As a result, more units are grasped than would be possible if each single unit were thought of or conceived as a detached entity.

As there is a limitation in the number of sounds which may be immediately grasped as an entity, so is there a limitation in the length of time to which we may be continuously exposed to music without becoming unmindful, if not insensible. While this limitation is considerably variable on the basis of conditioning, familiarity, and interest, there is nevertheless a norm of attention span. For this reason, an uninterrupted opera act, symphony movement, or oratorio division of two hours is literally unthinkable. The less variety, the relatively shorter a work. An opera act of one hour’s duration is not too infrequent (even excluding Wagner), whereas no single orchestral movement is of that length. By the same token, the average sinfonietta or suite for string orchestra is considerably shorter than the average symphony for full orchestra.

The instinct to construct is eventually conditioned to express proportions, particularly of a rhythmic or temporal kind. James Huneiker’s definition of music as an “intuitive mathematics” reveals a consciousness of the proportional relationships implicit in the art of sound. The awareness of an affinity between music and measurement is evidenced in the writings of Greek thinkers from Pythagoras onward, in the writings of the first- and second-century theorists Nicomachos and Quintilianus, in the grouping of music with arithmetic, astronomy, and geometry in the medieval quadrivium, and in the writings of numerous Europeans in the past millennium. While we usually analyze and are most conscious of melodic line as a structural determinant, the most important organizing factor in music is rhythm. Besides the obvious lilt and pattern aspects of rhythm, there is also a structural rhythm, a kind of periodicity in which figures, motives, phrases, periods, and larger units, such as exposition, development, and recapitulation, sometimes obviously and sometimes subtly balance each other either as corroborative or as contrasting units.

This periodicity is an expression of proportional duration. A conductor makes cuts when he feels that there is too much of a certain kind of treatment or the section in question in not integrally necessary. A teacher advises a student to use a particular melodic or rhythmic
idea to a greater extent, since there is a need for more measures to be occupied in time by this idea. Form expresses proportions which we sense and to which we respond, although we often lack the technical knowledge and terminology to define the relationship involved. Some of these proportions and relationships are simple and immediately grasped. Others are more complex, and although we may be less able to analyze or immediately identify the nature of these relationships, we react no less to the more complex than we do to the simple. Certain proportions expressed in music are expressions in sound of similar proportions found in other arts or in nature. In measures 69-95 of the last movement of Beethoven's *Sonata*, Op. 2, No. 3, an eight-measure unit is followed by successive sequences of four-, two-, and one-measure units. The arithmetic progression is therefore 8-4-2-1. Similarly, in the last ten measures of Mendelssohn's *Songs Without Words*, No. 14, two-, one-, and one-half measure units are repeated in succession. These are musical-rhythmic expressions of the same kind of pattern diminution and symmetry expressed in the so-called golden section or the logarithmic spiral, the order in which pine cones grow (phyllotaxy), and the principle of dynamic symmetry by means of which Jay Hambidge explained the proportions of the Greek vase and at the same time provided a mathematical basis for a school of painting.

The simplest proportions are found in folk music, more complex ones in functional music, and the most complex in art music. These are the three basic categories into which all of Western music is divided. The forms in each category are directly influenced by their particular natures and objectives.

A folk song may originate as an anonymous, collective expression, or it may be an individual creation accepted and adopted by a large social or ethnic group. It is usually brief, and its pattern may range in size from a phrase to a three-part song form.

Functional music is music composed for a specific use, such as a march. A functional composition is generally longer and more complex than a folk song, but shorter and generally less complex than an art work.

Art music is music for contemplation, to be enjoyed at an aesthetic level. The most highly developed and complex patterns are to be found in this category. Although specific examples may be founded on national themes (programmatic or musical), the supra-national aspects must dominate. Without this, a work is meaningful at a local (national) level but peripheral to, rather than an essential part of, a common musical heritage.

There are many overlapping examples in which characteristics of two, and sometimes even all three, types are combined. The "Volga
Boat Song” and “John Henry” are both folk and functional songs, being used for work rhythms; a march may originate as a purely functional composition, but when it is performed in the concert hall it may assume the character of an art work. Similarly, a Palestrina motet or a Bach cantata are functional in liturgical use and art works in concert performance. As to inherent nature, when the method of treatment in a functional work goes beyond the necessities of utility and has a beauty and interest beyond the demands of the purpose for which it was originally written, it is in its essence an art work also. It is to this extent that utility and aesthetic values may coexist within the same work.

Compositional patterns do not appear and develop fortuitously or coincidentally at a particular time but are the product of the concomitance of shaping forces, both musical and extramusical, in nature. Among these forces, historical and stylistic factors are basic determinants in the emergence, crystallization, and modification of forms. What we may term “the temper of the times” evokes similar manifestations in contemporaneous expressions and activities. It is no accident that the establishment of tonality and the discovery of gravitation occur at about the same time. Newton’s Principles, establishing the theory of gravity and gravitation, was published in 1689, and Rameau’s Treatise on Harmony (a statement of what had been current practice for some time) appeared in 1722. The tonic is a tonal center of harmonic gravity in the larger sphere of a composition or a section, as the fundamental bass is a center of gravity in the smaller area of the single chord and its inversions. The structural implications of tonality, as has been indicated, govern form between 1600 and 1900. The time lag between Newton and Rameau is typical of a chronological relationship between musical movements and corresponding movements in other arts. With few exceptions, musical trends are about twenty-five years behind parallel trends in literature and painting.

Historical determinism in a larger sense is involved in the relationship of the emergence of specific forms to the various cycles of which they are a part. Within the area of Western culture, cycles of approximately 150 years appear, beginning with the establishment of polyphony about the year 850. A review of the chronological chart at the beginning of this book will reveal an interesting consistency in this matter.

In his Commonwealth of Art, Curt Sachs has most systematically developed the theory of periodicity resulting from the alternation of Classic and Romantic concepts. Using the terms “cooler” and “warmer” as, in general, synonymous with “Classic” and “Romantic,” he writes: “Art—every art—moves alternately to the warmer and
the cooler side. It changes direction when coolness threatens to stiffen in academic frigidity, and again, when warmth threatens to dissolve all art in an overheated chaos. . . .” Each phase lasts roughly a generation or a third of a century, seldom less, sometimes more, resulting in a continuing series of “generational reversals.” The latter represents fluctuations within longer periods which similarly alternate between ethos and pathos concepts as a whole. Thus, the Renaissance is essentially an ethos type, the Baroque, pathos; Classicism, ethos; Romanticism, pathos.

From the standpoint of structure, the ethos periods are on the whole stricter and tend more to closed than to open forms. The static-ethos quality of Renaissance music and the contrasting dynamic-pathos quality of Baroque music is exemplified in the concept of rhythm and meter. In the Renaissance there are no bar lines, and rhythm is regulated by observance of a basic tactus wherein the basic unit is the semi-breve with the metronomic correspondence of \( \frac{\text{tactus}}{\text{semibreve}} = 50-60 \). In the Baroque era, the transformation of the tactus takes two directions. On the one hand, rhythm and meter become identified with a regular and recurrent pattern of beats divided into measures, as exemplified in dance music stylized in the suite and sonata. On the other hand, beat and meter are dissolved in the literally measureless recitative of the opera.

How periodic fluctuation from stricter to freer forms may occur within an ethos period is illustrated by comparing the adherence to established patterns in Haydn and Mozart and the increasing tendency to depart from or modify these patterns in later Beethoven. Similarly, the patterns found in the early nineteenth-century Romantic composers Weber, Schubert, Mendelssohn, and even Schumann conform much more to established forms than do the works of Liszt and Wagner.

A characteristic of the later trend in each particular phase is that toward unification and amalgamation in structures which, paradoxically, are more open than closed. Thus, the monothematic fugue succeeds the polythematic ricercar, the one-movement sonata and concerto forms of Saint-Saëns and Liszt succeed the stricter three- or four-movement Classic pattern; the music-drama of Wagner, the Gesamtkunstwerk, is an amalgamation in which separate pieces are replaced by a through-composed work unified by the use of the leading motive.

The influence of nationalism on form is of two types. One involves the utilization of characteristic folk patterns; the other involves the more subtle influence of intrinsic national traits and preferences. Thus, accentual and rhythmic features of a nation’s spoken language are invariably reflected in its music — instrumental as well as vocal.
Whether and to what extent national traits may be innate or inborn, and to what extent acquired, is a problem for the anthropologist and psychologist, but the actuality of national characteristics and preferences in music is not to be denied. One example of the direct influence of folk patterns is found in the derivation of some of Bartók’s forms and procedures from Hungarian folk music.

Historic determinism in a larger sense is implied by cyclic theories of history, such as those of Toynbee and Spengler, in which civilization is seen as a succession of cultures, each of which repeats essential patterns of infancy, maturity, and decline. Forms thus become a function of the particular part of the culture curve in which they occur, and thus in their essential nature are predetermined. Since what is involved here is a controversial philosophy of history, any detailed discussion of form implication from this viewpoint would be beyond the scope of this text.

The acceptance and exploitation of some forms and the rejection of others stems basically from national tastes and preferences. The same delight in detail which characterizes Flemish paintings of the fifteenth and sixteenth centuries finds expression in the Flemish music of the Renaissance. English reserve and moderation (not necessarily the serenity and quiet grandeur of Classicism) explains, at least in part, the kind of tacit opposition to a native opera, which finally led Handel to the dramatic oratorio. Despite the fact that the instrumental forms, particularly the suite and the sonata, were first assiduously cultivated in Italy, no great Italian symphony exists, whereas no nation can challenge Italy’s pre-eminence in opera. The qualities of nineteenth-century Romanticism found a most sympathetic haven in Germany. Here the mysticism of a music important beyond direct sensuous impression and beyond discursive reason led to the freer open forms of the later German composers or, as in the case of Brahms, the addition of a strongly emotive content to a retained form. The avoidance of excess, the establishment of taste as a criterion of value, determines the typical French approach, in which structure is distinguished by controlled proportion rather than diffuseness. (It is interesting to note that Debussy, with whom we associate free forms, criticized Satie’s work as lacking in form. Satie thereupon countered by composing his Three Pieces in the Form of a Pear.)

In the history of European music, different nations have assumed pre-eminence at various times. The very fact that a particular nation is dominant at one period leads to a certainty that it will yield that dominance in the succeeding period. The reason for this, as Toynbee has indicated, is that “history shows that the group which successfully responds to one challenge is rarely the successful respondent to the next.” When the idiom and trend of music corroborate the significant
traits in its character, a particular nation becomes dominant in Western music. Paradoxically, however, the music that emerges from a country during its period of leadership is supra-national, and if folkloristic, the folk elements are less important than the supra-national qualities. Italian music between 1400 and 1550 was more folkloristic than at almost any time before or since, and during this period Italy was a negligible factor in European music.

There are national traits to be noted in the operas and partitas of the seventeenth century, when Italian music was of pre-eminent importance, but these traits were sublimated. A music in which the purely nationalistic elements are paramount remains peculiarly attached to and associated with its place of origin, and though it may be exotic and charming, it remains on the periphery of that circle which includes music universal in its communication.

In respect to communication, we may be justified in speaking of a semantics of music, but not of a language of music. Whatever limited analogies do exist relating communication through music to communication through verbal language are in the area of structure, not of meaning.

The smallest unit in written language is the letter; in music, the note. The smallest intelligible combination of letters is a word, the smallest intelligible combination of notes, a figure. The most basic difference between words and tone is that while a word signifies something outside itself, a tone does not signify, but is itself in itself. A word can be translated from one language to another and retain its exact meaning. A musical figure cannot be translated at all. The semi-phrase in music, a combination of figures, corresponds to the semi-phrase in literature, a combination of words. In both literature and music, two semi-phrases constitute a phrase, and two phrases may combine to form a sentence. Music also has a kind of punctuation, with harmonic, rhythmic, and melodic factors combining in various types of cadences to equate the effect of commas, semicolons, and periods.

Beyond this, there is very little of an analogous relationship; in certain respects there is a profound difference in the nature of musical and literary forms. One of the most important of these differences is that repetition and modified recurrence are a basic aspect of musical form, whereas, except in such rare instances as the repetition in the parallelism of Biblical Hebrew literature, or in the passage repetition toward the end of Milton's Paradise Lost, literature avoids both the smaller type of repetition represented in parallel phrases within a sentence and the larger variety, represented in the recapitulation.

Music is not a language because it has no exact vocabulary; its communication begins where discursive linguistics end. Its content is neither emotion nor experience, but the aesthetic equivalent of
Past forms and present trends

both.

Verbal language particularizes while music as communication can only generalize, but music expresses refinements of being which are beyond any possible verbal equivalent. This gives rise to the paradox that music is not too indefinite to be put into words, but rather too definite. From the standpoint of the creative process, musical composition is the transmutation of experience (using this term in its widest sense) into auditory patterns. The manner in which this occurs is perhaps analogous to the transformation of sunlight into chlorophyll by the process of photosynthesis. In both instances, the transmutation is neither "willed" nor conscious. Granting that the process by which experience is sublimated in expression is unconscious, a question that nevertheless remains is the degree of conscious construction involved in the uses of patterns and devices which we identify in analysis.

The creative process combines the intuitive (immediate knowledge from within) with awareness (knowledge from without). The shaping of a musical work is the result of the interaction of four factors:

1. The conscious and deliberate use of a particular pattern. This is illustrated in the exposition of the fugue or in the recapitulation of the sonata-allegro.

2. The feeling for certain proportions and temporal relationships which we may term innate, since these not only resemble but grow out of dynamic patterns of human experience.

3. The tacit assumptions of a particular style and time. A homophonic phrase-period structure based on triadic tonality was taken for granted in music of the eighteenth and nineteenth centuries; the characteristic music of the seventeenth century was modal (not tonal) and polyphonic-contrapuntal rather than homophonic. Even twentieth-century music, despite a multitude of sometimes conflicting techniques, has its tacit assumption—a departure from traditional triadic tonality.

4. The formulations which are the distinctively individual expressions of a personal style and which grow out of the unique genius of the composer. Harmonic preferences in Franck's later works; Beethoven's manner of thematic development; Wagner's rising sequences in the interval of a third; the fragmentary statement of a motive or the transparency of texture in Debussy; Bach's subdominant modulations in lyric melodies—these are among characteristic personal traits which are an unconscious expression of an individual temperament.

We must also make allowance for such (most possibly subconscious) thinking as is represented by the use of a basic motive throughout a section or movement—not in the way such a motive is used
with conscious intent in a section of a Palestrina motet, but in the manner in which the descending second is used throughout the slow movement of Beethoven’s Sonata, Op. 2, No. 1. Such treatment, if consistently used in a conscious manner, may remain a device and not really be integrated in the work.

Composers do not work within, or utilize completely and without change, a pre-established (larger) form for the simple reason that the very act of creating a living composition is concomitant with the establishment or modification of a form. Fundamental principles may be observed despite the fact that previously-established traditional procedures may seemingly be ignored. So-called music theory is explicit procedure crystallized into a system. In certain periods, the acceptance of pre-established norms provides a basis for composition. During periods of transition, however, musical composition by those who face the future necessarily involves an intuition of theory. The formulation of new procedures is not guided by past precedent but is arrived at instinctively. The triads of Dunstable, the chromaticism of Gesualdo and Mazzochi, the Impressionism of Debussy, and the dodecaphony of Schönberg are examples of procedures which precognized a yet-to-be formalized theory.

Specific patterns which have been crystallized, such as sonata-allegro, various rondo forms, and song forms, have not been established by decree but have evolved from a mutual interaction of the nature of musical material and our manner of thinking and feeling. It is true that composers have been influenced and guided by their predecessors, but the more essential truth is that the nature of the particular musical idea and the style of the time have been the principal determinants of evolved forms.

What we may term the “aesthetic experience” is involved to some degree in the hearing of any kind of music; folk, functional, or art. It is the latter category that is most significant, however, for a true work of art is a revelation of a reality beyond direct experience; it is a revelation made accessible through the insight and intuition of the creative artist. The power of embodying the ideal in palpable form is given to few, but the capacity to comprehend and appreciate this embodiment is universal in man. The values implicit in an understanding listening process include, but also go beyond, sensuous pleasure and simple enjoyment. Particularly in music, where a necessary temporal succession is involved in listening, we retrace to some extent the creative processes which produced the work. The listener, therefore, is not merely passive and, as he participates in the unfolding of a work, he becomes, even if vicariously, more active.

The essential content of music may be termed its “artistic meaning.” A single chord or brief succession of tones may be pleasurable and
Past forms and present trends

even evocative, but it is not until these sounds are related in a purposeful and organized manner that any artistic meaning is communicated. The purposeful organization of sounds is what we term form, and it is the significance of form that through it the artistic meaning of a work is communicated.

A Palestrina motet, a Bach fugue, a Mozart aria, a Beethoven sonata movement, or a movement from a Bartók quartet—different as each is in sound and organization—are alike in manifesting those attributes which are the measures of greatness in music: unity, variety, consistency, creative imagination, and effectiveness. Each achieved work is a miniature world, taking shape out of chaos, “bound together by order, and this is form, which brings the universe into the likeness of God.”
Glossary of definitions

MUSIC is the art of sound in time, since, to be intelligible within the intention of the composer, it must be heard in a certain temporal sequence. A painting can be seen instantaneously as a whole, or its parts may be viewed in an optional order, but a musical work cannot be so perceived.

TIME is the measure of duration. Tone is the only sensation which gives us a direct perception of time.

SOUND is an alteration or disturbance transmitted by means of vibrations (called waves or cycles) through an elastic medium (usually air). It is also the auditory sensation evoked by these vibrations.

A TONE is a sound characterized by regular vibrations. As an acoustic phenomenon it has four essential characteristics: pitch, intensity, duration, and color. As a musical phenomenon, the most important characteristic of tone is its kinetic quality. A tone is generally a composite sound consisting of a fundamental and overtones.

PITCH is that attribute of a tone associated with the regular vibration of sound waves heard by the ear.

INTENSITY is the degree of loudness of a sound.

DURATION is continuance of a sound in time.

COLOR is the particular quality or timbre of a tone resulting from the number, vibration rate, and relative intensity of its harmonics or overtones.

KINETIC QUALITY (or dynamic quality) of tone is manifested in the directional demand of one tone for another.
The relation of the materials of music to the four attributes of a tone is indicated in the following table:

<table>
<thead>
<tr>
<th>Pitch</th>
<th>Intensity</th>
<th>Duration</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melody</td>
<td>Crescendo</td>
<td>Rhythm</td>
<td>Vocal color</td>
</tr>
<tr>
<td>Harmony</td>
<td>Diminuendo</td>
<td>Tempo</td>
<td>Instrumental</td>
</tr>
<tr>
<td>Counterpoint</td>
<td>Nuance</td>
<td>Meter</td>
<td>Orchestration</td>
</tr>
<tr>
<td></td>
<td>Dynamics</td>
<td>Beat</td>
<td>Synthetic</td>
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<td></td>
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<td></td>
<td>music</td>
</tr>
</tbody>
</table>

TEMPO is the rate of movement. Associated with tempo indications are connotations which concern not only relative movement, but also character. Our basic tempo terms are Italian, since Italy was the dominant musical nation at that period in our music history when composers found it necessary or desirable to indicate tempi, dynamics, and expression marks (seventeenth and early eighteenth centuries).

BEAT is the unit of measure within a composition or part of it. The following table lists works in which the beat-unit ranges from o to ³.

- o Beethoven, String Quartet, Op. 132, Presto
- j Haydn, Symphony in D minor (“Clock”), Finale
- j Mozart, Sonata in C major, first movement
- j Brahms, Symphony No. 1, introduction to first movement
- j Mendelssohn, Songs Without Words, No. 8
- j Beethoven, Sonata, Op. 111

It will be noted that these units are represented by the numbers 1, 1/2, 1/4, 1/8, 1/16, 1/32. In Western music, units and symbols of third, fifth, sixth, seventh, and ninth notes are non-existent. Therefore, we have no time signatures such as 2/3, 4/5, or 7/6.

A MEASURE, in music of the tonal era (1600-1900), may be defined as a division of beats into regularly recurring groups. It is only after 1600 that the division and notation of music into measures with a like number of beats becomes common. In twentieth-century music, changing meters make it necessary to redefine the measure as the grouping of beats so that the primary accent immediately follows the bar line. This is the reason for the changing time signatures in music such as the following:

Stravinsky, Le Sacre du Printemps, Kalmus score p. 101
Glossary of definitions

**METER** is the grouping of beats with relation to accented and non-accented units. In Western music, the principal meters used are simple duple and triple (2/4, 3/4) or compound duple or triple (8/8, 9/4). The upper number in the time signature is usually divisible by 2 or 3; the lower number by 2, 4, or 8. Until the middle of the nineteenth century such meters as 5/4 and 7/4 were rarely, if ever, used in European music. The employment of new rhythmic and metric divisions is one of the characteristics of twentieth-century music (See Chapter XXVIII).

**RHYTHM** is the result of the relationship between the duration and progression of successive sounds. The patterns of movement in sound may be either symmetrical and recurrent or non-symmetrical and non-recurrent. Rhythms associated with dance or instrumental forms are most often repetitive, recurrent, and symmetrical; rhythms associated with vocal forms, particularly contrapuntal vocal forms, are free and less apt to be repetitive or recurrent.

Rhythm is the most basic element in music—it is the one element without which no music can exist. It is possible for a composition or section of a work to be devoid of harmony, counterpoint, and even, in rare instances (percussive sections of compositions) without melody, but no music can exist without rhythm. Temporal rhythm is a function of time division. Tonal motion, involving melodic and harmonic tension and direction, contributes to the totality of rhythmic effect in a composition.

In Western music, an even number of beats, or an even (duple) subdivision of beats, is generally favored, and (until the twentieth century) almost exclusively employed. This has misled certain psychologists to believe that the preference for such symmetrical subdivisions is a universally-innate human quality. However, as Sachs has written, “the whole east of Europe, the north of Africa, the southwestern quarter of Asia, India, and other regions give preference to odd-numbered rhythms and seem to grasp them quite easily.”¹ Charles Ives has stated the question succinctly in one of his songs: “Why doesn’t one, two, three appeal to a Yankee as much as one, two?”²

**MELODY** is an ordered succession of single tones so related as to constitute a musical entity. Such adjectives as “logical,” “pleasing,” “interesting,” etc., are often retrospective criteria. A particular melody is “correct” in relation to the rhythmic, harmonic, and intervallic determinants of a certain style. However, although it is composed following the precepts and accepting the tacit assump-

Glossary of definitions

tions of a particular style, a good melody retains its validity and value despite changing idioms. The following are examples of typical melodies in a number of different styles:

Palestrina, Motet, “Adjuro vos” (Renaissance—modal)

Bach, Partita No. 3 for solo violin, prelude (Baroque—tonal)

Mozart, Symphony in G minor, first movement (Classical—tonal)

Allegro molto

Chopin, Nocturne in E-flat, Op. 9 (Romantic—tonal)

Andante

Debussy, Douze Préludes, Bk. 1, No. 2 (“Voiles”) (Impressionistic—whole tone)

Modéré

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Hindemith, Ludus Tonalis, Fuga quinta in E (twentieth-century duodecuple with a tonal center)

Fast

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Webern, Fünf Geistliche Lieder, Op. 15 (twentieth-century duodecuple—“atonal”)

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Each of these is a good “melody” within the context of its style, but a melody such as Bach’s in Palestrina’s time, or of Webern’s in Mozart’s time, is and was literally inconceivable.

HARMONY is the science and art of combining tones into vertical groupings or chords, and the treatment of these chords according to certain principles. Renaissance harmony is modal-triadic; harmony between 1600 and 1900 is tonal-triadic; twentieth-century harmony may be non-tonal, polytonal, neo-modal, or non-triadic. The existence of a developing system of harmony and counterpoint in Western music (beginning with ninth-century organum) and the absence of some such system in Oriental music is one of the basic differences between music of the East and the West.

COUNTERPOINT is the science and art of combining two or more interdependent melodies. So-called “rules” in harmony and counterpoint are the summary of applied principles in relation to a particular style. Thus, certain principles of sixteenth-century modal counterpoint are not applicable to seventeenth- and eighteenth-century tonal counterpoint, and vice versa.

MONOPHONY (or monody) is music which consists of a single unaccompanied melody.

HOMOPHONY is music consisting of a principal melody with accompaniment.

POLYPHONY. Although polyphony is generally used as synonymous with counterpoint, it means, literally, “many-voiced.” For this reason, it is not incorrect to speak of a vertical polyphony (harmony) as well as a horizontal polyphony (counterpoint).

IDIOM is the specific musical vocabulary of a time and a place. Thus, between 1600 and 1900, music was based on a triad consisting of superimposed thirds, and was founded on tonality—hence, the idiom of this period is tonal-triadic. Idiom includes the total complex of melodic, harmonic, contrapuntal, rhythmic, structural, and color factors which together characterize a style.
Contents of Anthology of Musical Forms

The Anthology of Musical Forms supplements this book with material to be analyzed, paralleling the forms discussed in Structure and Style.

Part one

Specific forms

SONG FORMS

1 One-part song form (phrase)
   a. Chanson de Geste, French melody
   b. I'm Going to Leave Old Texas Now, Texas cowboy song

2 One-part song form (period)
   Barbara Allen, Scotch folk song

3 One-part song form (double period)
   Prelude, Op. 28, No. 7, Chopin

4 Simple two-part song form
   a. America, traditional
   b. Robin Adair, Scotch air
   c. Now Thank We All Our God, Crueger

5 Expanded two-part song form
   Venetian Boat Song, Op. 19, No. 6, Mendelssohn

6 Incipient three-part song form
   a. Old Folks at Home, Foster
   b. Symphony No. 9, Finale, Beethoven

7 Three-part song form
   a. Dedication ("Widmung"), Op. 25, No. 1, Schumann
   b. Beside the Cradle, Op. 68, No. 5, Grieg

8 Enlarged three-part song form
   Waltz, Op. 39, No. 15, Brahms

9 Five-part song form
   a. Spinning Song, Op. 67, No. 4, Mendelssohn
   b. Mazurka, Op. 7, No. 1, Chopin
Contents of ANTHOLOGY OF MUSICAL FORMS

10 Group form
   A. *String Quartet* in D minor, second movement (theme), Schubert
   B. *The Rider's Song*, Op. 68, No. 23, Schumann

11 Through-composed song
   *Restless Love*, Op. 5, No. 1, Schubert

SINGLE-MOVEMENT FORMS

12 Song form with trio
   A. *Serenade* for string orchestra, Menuetto, Mozart
   B. *Minuetto*, A. Casella

13 First rondo form
   *Sonata*, Op. 2, No. 1, second movement, Beethoven

14 Second rondo form
   *Sonata* in D major, last movement, Haydn

15 Third rondo form
   *Sonata*, Op. 2, No. 3, last movement, Beethoven

16 Variation form
   *Thirty-Two Variations on an Original Theme*, Beethoven

17 Sonatine form
   A. *Sonatina*, Op. 20, No. 1, first movement, Kuhlau
   B. *Sonatina*, No. 1, Op. 13, first movement, Kabalevsky

18 Single movement pre-Classic sonata
   A. *Sonata* in G major (binary form), D. Scarlatti
   B. *Sonata* in F minor (ternary form), D. Scarlatti

19 Sonata-allegro
   *Sonata*, Op. 31, No. 3, first movement, Beethoven

CONTRAPUNTAL FORMS

20 Invention
   A. *Two-voice Invention* in C major (analyzed), Bach
   B. *Two-voice Invention* in D minor, Bach

21 Fugue
   B. *Concerto Grosso VII*, Op. 6, No. 7, Allegro, Handel

22 Passacaglia
   A. *Passacaglia* in C minor (excerpts), Bach
   B. Passacaglia from *String Quartet* No. 2, Bloch
Contents of Anthology of Musical Forms

23  Toccata
    Toccata Nona, A. Scarlatti

24  Chorale prelude
    Now Thank We All Our God, Bach

25  Baroque suite
    French Suite No. 6 (excerpts), Bach

26  Instrumental canzona
    Falte D'Argens, Cavazzoni

27  Sixteenth-century motet
    Dies Sanctificatus, Palestrina

FREE FORMS

28  Free forms
    a. Polyphonic type, Prelude to Suite No. 8, Handel
    b. Homophonic type, Fantasy in D minor, Mozart
    c. Opera prelude, Prelude to Lohengrin, Wagner

29  Mosaic treatment of motives
    Symphony No. 4, first movement (excerpt), Mahler

30  Tone-row technique
    Phantasy for violin (excerpt), Schönberg

Part two

Additional selections for analysis

Gigue, C.P.E. Bach
Puck, Op. 71, No. 3, Grieg
Game, from “For Children,” Vol. I, Bartók
Moderato, from “The Five Fingers,” Stravinsky
Mississippi, Douglas Moore
Poeme, Op. 69, No. 1, Scriabine
Reverie, Saint-Saëns
Sonata, No. 34 (first movement), Haydn
Symphony, Op. 21 (variation movement), Webern
Prelude, Op. 34, No. 24, Shostakovich
Mazurka, Op. 68, No. 3, Chopin
Sonata, Op. 49, No. 1 (last movement), Beethoven


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A cappella, 179, 193
Accentus, 180
Accompaniment
in caccia, 206
in cadence, 11
in canon, 130
in fugue, 137
in heterophony, 92
in invention, 130
in phrase, 26
in recitative, 191
in rondo, 86, 87
in song forms, 71
patterns of, 8, 31, 58
rhythmic movement in, 12
unifying factor in phrases, 50
Adam of St. Victor, 201
Added tones, 213
Adestefideles, 58
Adieu, Sweet Amarillis, Wilbye, 205
Adiuvorus, Palestrina, 240
Aeolian mode, 112, 121
Aeterna Munera Christi, Palestrina, 93
Aeternarum Rerum Conditor, 66
Agudo, Simon, 143
Albinoni, Tomaso, 163
Album Blätter, Schumann, 26
Album for the Young, Schumann, 65, 72, 73
All Glory, Laud and Honor, Teschner, 183
Allegro Barbaro, Bartók, 222
Alleluias, 180
Allemande, 81
characteristics of, 157
in Bach, 94, 156
in sonata-allegro, 108
Allon, Gay, Gay, Costeley, 90
Alma redemptoris mater, Palestrina, 12
Alouette, 177
Alternation in figures, 5, 8
Alternativo, 83
Amahl and the Night Visitors, Menotti, 62, 190
Ambrosian hymns
musical rhyme in, 66
the phrase in, 22
America, Carey, 29, 58, 177
American Ballads, Harris, 17
Anna Magdalena's Notebook, Bach, 65
Answer
in fugue, 132, 133
in invention, 130
Antecedent in periods, 37-38, 47-54
Anthem, 185
Anticipation
of figures or motives, 60
of melody, 31
Antiphon, 180
Antiphonal psalmody, 181
Antiphonale Romanum, 179
Appoggiaturas in cadences, 14
Arabia, Folk Song, 92
Arcadelt, Jacob, 205
Archibald Douglas, Loewe, 194
Architectonic music, 171
Aria, 192
chorale as, 148.
Arioso, 146, 193
Arpeggiation in cadences, 15
Ars antiqua, 202
Ars nova, 204
Art of Fugue, The, Bach, 124, 128, 136
Art song, 194
Associative music, 227
Atonal music, 215
cadence in, 19
Attaingnant, P., 156
Augmentation
in canon, 128
in contrapuntal forms, 123
in fugue, 135
in variation, 97
Aus Holbergs Zeit, Grieg, 84
Index

Authentic cadence, 10, 51, 59, 64, 66, 70, 72, 74, 83, 131
Autonomous music, 227
Auxiliary members
  in rondo form, 86, 88, 89
  in song form, 58, 67, 72
Axis relationship of themes, 116

B minor Mass, Bach, 133, 137, 140, 182
Bach, C.P.E., 107, 163
Bach, J.C., 132, 163
Clavier Sonata in G, 107

Bach, J.S.
Anna Magdalena's Notebook, 65
  anticipation of key contrasts, 83
Art of Fugue, The, 124, 128, 136
B minor Mass, 133, 137, 140, 182
Brandenburg Concertos, 82, 161, 162
Cantatas, 7, 8, 88, 100, 184, 186, 193
Chaconne, 144
Chorale Partitas, 159
  chorale preludes of, 147
Chorale Variations, 128
Chromatic Fantasy, 169, 191
Concertos, 84, 140, 162, 165
English Suite No. 4, 156
Französisiche Overture, 167
French Suites, 25, 67
Fugues, 131-32, 215
Goldberg Variations, 94, 96, 127, 130, 138
  inventions, prototypes of, 207
Inventions, Three-Voice, 7, 8, 123, 130
Inventions, Two-Voice, 7, 122-25, 127, 130
Minuet in G minor, 52
  modulations in, 234
Musical Offering, 129-30, 207-08
Organ Works, 147-48
Partitas, 6, 82, 90, 94, 159, 240
Passacaglia and Fugue in C minor, 136, 142
St. Matthew Passion, 185, 191
  solo violin works of, 104
sonata da camera in, 159
Sonatas, 83, 132, 133, 137, 159, 160
Suites, 42, 82, 156, 159, 167
Toccata in G minor, 146
  type-motive of, 190
  use of ground motive, 140
  use of scherzo, 82
  use of trio, 82
Vater unser im Himmelreich, 147
Well-Tempered Clavier, The, 123,
  126, 131-36, 146
Bach, J. S., Schweitzer, 94
Bach, W. F., 107
Bagatelles, Beethoven, 26, 77
Balbulus, Notker, 201

Ballad, 194, 203

Ballade, 202
  of Brahms, 194
  of Cœurs de Lion, 38
Ballata, 199, 203, 206
Banchieri, Adriano, 205
Barber, Samuel, 223
Bardi, Giovanni, 205
Barform, 66, 67, 202
Baroque music
cadences in, 13
  characteristics of dances in, 157-58
  chromatic bass in, 140
  concerto grosso in, 161-62
  cyclic treatment in, 153
  descending tetrachord in, 144
  fugue in, 131, 137
  imitative forms in, 126
  keyboard works in, 3
  magnificat in, 184
  melodic-rhythmic patterns in, 171
  motet in, 183-84
  opera in, 188
  oratorio in, 185
overture in, 166-67
  pairing of dances in, 81-82, 94
  phrase construction in, 25
  revival of forms in, 224
  rondeau with couplets in, 90
  solo concerto in, 163
  sonata in, 104, 106, 113, 159, 163
  sonatine in, 100
  song forms in, 82
  stile rappresentativo in, 104
  suite in, 83, 107, 156
  tactus in, 231
triadic music in, 209
  variation forms in, 93-94, 142
Bartered Bride, The, Smetana, 222
Bartók, Béla, 164, 222
Allegro Barbaro, 222
Concerto for Orchestra, 17, 163
Mikrokosmos, Vol. II, No. 45, 26
  Vol. II, No. 78, 49
  Vol. III, No. 55, 42
  Vol. III, No. 70, 67
  Vol. III, No. 71, 218
  Vol. III, No. 72, 124
  Vol. III, No. 74, 67
  Vol. IV, No. 97, 31
  Vol. IV, No. 113, 31
  Vol. V, No. 131, 225
  Vol. V, No. 133, 219
  Vol. V, No. 136, 225
  Vol. V, No. 137, 35
  Vol. VI, No. 146, 141
  Vol. VI, No. 148, 219
  Vol. VI, No. 151, 26
scale of, 211
String Quartet No. 2, 211
  No. 5, 6
Op. 251

Basso Bassani, Prometheus Missa, Sonata, Rondo, Rondo, Minuet Mass Leonore scherzo

Diabelli development, development, development, Bagatelles, Suite, introductions in, Great String

in sonata-allegro, 107
Brahms, Johannes as variation composer, 95
ballades of, 194
basso ostinato in, 140
Choral Preludes, 147-48
Haydn Variations, 27, 93, 140, 220
detailed analysis of, 96-97
Intermezzi, 84
Motet, 148
motets of, 184
Piano Concerto No. 2, 138, 164
Requiem, 137
Sonata, Op. 5, 128
Sonata in A major, 152
Symphony No. 1, 38, 42, 58, 73, 86, 109, 116, 15
No. 2, 84, 110, 139
No. 3, 32
No. 4, 95, 110, 115, 142, 145, 152
Thirteen Canons, 127
Variations on a theme by Handel, 97, 138
Variations on a theme by Schumann, 129
Verrat, 194
Waltz, Op. 39, 50
Brandenburg Concertos, Bach 82, 161, 162
Bridge passage, 59
Briegel, Wolfgang, 132
Bruckner, Anton, 182, 221
Symphony No. 7, 5, 58
Buffons, Les, Bull, 93
Buolzer, Manfred, Music in the Baroque Era, 93
Bull, John, Buffons, Les, 93
Buonamente, G. B., 159
Burleska, Strauss, 165
Busoni, Ferruccio, 224
Sonatines, 101
Buxtehude, Dietrich, 142, 146
Vater unser im Himmelreich, 147
Byrd, William, 205
Carman's Whistle, 93

Caccia, 132, 206
Caccini, Giulio, 188
Cadence, 10-21
extended, 34
in extended phrases, 33
in fugue, 134
in Impressionism, 222
in introduction, 58
in overtures, 167
in period form, 37
Cadence group, 11, 33-34, 60, 101
Cadential inflection, 23

Cailliet, Lucien, Variations on Pop, Goes the Weasel, 95
Canon, 96, 122, 127-30, 206, 217
Cantade et arie à voce soli, Grandi, 186
Cantata, 103, 186
da camera. 186
see Bach, J. S.
Cantigas, 203
Canzo, 202
Canzona, 105, 108
as instrumental form, 163, 207
d'organo, 105
de sonare, 105
in evolution of fugue, 132
in Italian overture, 166
motet as model for, 184
of Obrecht, 206
Caprice No. 24, Paganini, 95
Carey, Henry, America, 29, 58, 177
Carissimi, Giacomo, 186
Carman's Whistle, Byrd, 93
Carmen, Habanera from, Bizet, 50, 67, 189
Carnaval, Schumann. 5, 171
Carrillo, Julián, 212
Casella, Alfredo, 147
Eleven Children's Pieces, 19, 51, 127
Cassation, 158
Castello, Dario, 163
Catch, 193
Catch That Catch Can, 193
Cavalieri, Emilio del, 186
Cavazzoni, Girolamo, 132
Folte d'Argens, 105
ricercari of, 207
Cembalo, 142
Chace, 132, 206
Chaconne, 94, 142-45
Chaconne, Vitali, 144
Chaconne in D minor, Bach, 144
Chain-phrase, 35
Chambonnières, Jacques, 142, 156
Chance music, 224
Change of mode in contrapuntal forms, 125
Chanson, 90, 105, 177, 202
Chant, 171
principal forms of, 180
Chausson, Ernest. Poème, 165
Chiaroscuro, 94
Chopin, Frédéric ballades of, 194
Berceuse, Op. 57, 140
Etudes, 6-7
Mazurkas, 16, 26, 30, 53, 73, 84
Nocturnes, 9, 12, 32, 53, 76, 77, 83, 84, 87
Piano Concerto in E minor, 47
Polonaise Militaire, 84
Preludes, 24, 77, 214, 226
Sonata, Op. 35, 116
Choral Preludes, Brahms, 147-48
Chorale
description of, 147, 183
use of cadence in, 11
Chorale Partitas, Bach, 159
Chorale prelude, 147-48
Chorale Variations, Bach, 128
Chord clusters, 214
Christmas Cantata, Honegger, 208
Chromatic Fantasy, Bach, 169, 191
Chromaticism, 214
Church sonata, 159
Classic period
chromaticism in, 214
concerto in, 164
homophonic forms in, 126
period repetition in, 49
sonata-allegro form in, 103, 106, 109, 112, 115, 116
sonatine form in, 100
song form in, 75, 81, 82
suite in, 158
triadic music in, 209
variation form in, 95, 97
Clausulae, 201
Clavier Sonata in G, (J. C.) Bach, 107
Closed forms, 57, 169, 226, 231
Coda, 62
in rondo forms, 86, 88, 89
in sonata-allegro, 108, 115
in sonatine form, 100
in song forms, 67, 74, 83
phrase as, 25
Codetta
in rondo form, 86, 88
in sonata-allegro, 108, 111, 113
in sonatine form, 100
in song forms, 60, 62, 67, 72, 74, 77
in variations, 97
phrase as, 25
Coeur de Lion, Richard, Ballade, 38
Color, 183
Coloratura, 171, 178
Commonwealth of Art, Sachs, 92, 230
Compound form, 81, 226
Compound signatures, 219
Concert fugue, 137
episode in, 61
Concerti Ecclesiasticci, Viadana, 184
Concerto, 161-65
rondo form in, 90
sonata-allegro form in, 103
see Bach, Bartók, Beethoven, Berg, Brahms. Chopin, Conus, Delius, Elgar, Glazunov, Grieg, Handel, Khachaturan, Liszt, Mendelssohn, Piston, Prokofiev, Rachmaninov, Respighi, Saint-Saëns, Stravinsky, Tchaikovsky, Vieuxtemps
Concerto grosso, 159, 161-63
Concerto Grosso, Bloch, 163
Concordia Regularis, Bishop of Winchester, 186
Conductus, 202
Consequent in periods, 37-38, 47-54
Consonances, 121
in cadence chord, 17
in various periods, 122, 209
Contour similarity, 41
Contrapuntal forms, 127-38
structural basis of, 37
Contrapuntal techniques, 121-26
Contrary motion
in canon, 128-29
in contrapuntal forms, 124
in figures, 5
in fugue, 135
in periods, 42
in variations, 97
Contrasting periods, 39, 42, 51
Conus, Julius, Violin Concerto in E minor, 153, 165
Copland, Aaron
differing trends in, 225
Rodeo, 222
Sextet, 219
Variations, 98
Vitebsk, 212
Corelli, Arcangelo, 159, 161
Corrente, 157, 159
in Bach, 94
Costeley, Allon, Gay, Gay, 90
Counterpoint
definition of, 121
in invention, 130
inverted, 124
replacement of, 104
Countersubject, 134
Couplets, 90
Courante, 81
characteristics of, 157
in Bach, 156
in sonata-allegro, 108
Cowell, Henry, Toccata in A, 213
Craft of Musical Composition, Hinde
mith, 212
Creation, The, Haydn, 137, 168, 186
Croce, Giovanni, 205
Cunctipotens genitor, 200
Curious Story, Schumann, 13
Cyclic treatment
in chant, 180
in sonata, 106, 152-53
da Bologna, Jacopo, 205
Da capo aria, 177, 192
da Cascia, Giovanni, 205
Dal Malo Il Bene, Scarlatti, 166
Dance-Caprice, Grieg, 34
Index

de Falla, Manuel, *Serenata Andaluza*, 32
de Lantins, Arnold, 127
de Lassus, Roland, 205
de Rore, Cypriano, 205
de Vaqueiras, Raimbault, *Kalenda Maya*, 204
de Vitry, Philip, 204
*Death and the Maiden*, Schubert, 67
*Death and Transfiguration*, Strauss, 31, 172
Debussy, Claude, 147, 235
   *Mer, La*, 172, 222
Minstrels, 5
   *Prelude to the Afternoon of a Faun*, 222
   *Préludes*, 222
   *Reflections in the Water*, 24
   *Révérie*, 25, 31, 33
   *String Quartet*, 115, 154
texture in, 234
   *Voiles*, 240
Deceptive cadence, 11
Delayed cadence, 14
Delibes, Léo, *Lakmé*, 192
Delius, Frederick, *Piano Concerto*, 152
des Prés, Josquin, 132, 184
   *Fauxle d’Argent*, 105
   *Missa L’Homme armé*, 129
   *Tu pauperum refugium*, 11
Descending tetrachord, 144
Development of sonata-allegro, 113
*Diabelli Variations*, Beethoven, 95
*Diatonic Study*, Scott, 18
*Dido and Aeneas*, Purcell, 141
*Dies Sanctificatus*, Palestrina, 7
Diferencias, 93
Diminution
   in canon, 128
   in contrapuntal forms, 123
   in fugue, 135
   in variation, 97
d’Indy, Vincent, 153
   *Ishar Variations*, 98
   *Song of the Heath*, 41
Direct psalmody, 180
Dis cant, 201
Dissolution, 62, 73, 86, 88, 111
Dissonance, 210
Divertimento, 158
Dohnanyi, Ernst von, *Suite for Orchestra*, 160
*Don Giovanni*, Mozart, 88, 189
*Don Juan*, Strauss, 172
*Don Quixote*, Strauss, 171
Dorian mode, 121
   in Respighi, 18
Double
   in Bach, 156
   in Baroque suite, 94
Double canon, 129
Double counterpoint
   in fourteenth century, 206
   in fugue, 132
   in invention, 131
   in *Sumer is icumen in*, 139
   in variations, 97
Double fugue, 135
Double period, 24, 39, 47, 51, 53, 64, 66
Drink to Me Only with Thine Eyes, 39, 71
Drone, 125
*Drum Major, The*, Wolf, 194
Ductia, 204
Dufay, Guillaume, *Missa L’Homme armé*, 130
Dukas, Paul, 153
Dunstable, John, 127, 209, 235
Duodecuple music, 38, 153, 211, 225
Duodecuple scales, 122
Dussek, Johann, *Sonatines*, 101
Dvořák, Antonín
   *Quartet*, Op. 87, 116
   *Symphony No. 5*, 29, 84, 112, 115
Dynamic symmetry, 229
Dynamism, 222, 225
Eimert, Herbert, 221
Eine Kleine Nachtmusik, Mozart, 23, 88
Electronic music, 170, 212, 221
Elektra, Strauss, 214
Eleven Children’s Pieces, Casella, 19, 51, 127
Elgar, Sir Edward, 221
   *Cello Concerto*
   *Enigma Variations*, 95, 98, 99
Elided cadence, 14, 16, 26, 167, 170
Elizah, Mendelssohn, 186
Embellishment, 26
   of melody, 94, 96
   of periods, 41
English Suite No. 4, Bach, 156
Enigma Variations, Elgar, 95, 98, 99
Episode
   in fugue, 134
   in song forms, 61
Estampie, 104, 199, 204
Etude
   the figure in, 7
   see Chopin, Kreutzer, Messiaen
Euridice, Rinnucini, 188
Evasion of cadence, 16, 20, 73
Existentialism, 224
Exotic scales, 20
Exposition
   in double fugue, 136
   in fugue, 132
   in invention, 130
   in sonata-allegro, 108, 113
   in sonatine form, 100
Expressionism, 217, 223
Extended cadence, 15
Exultemus, Mozart, 186

Falstaff, Verdi, 137
Falite d'Argens, Cavazzoni, 105
Fantasia section, 113
chorale fantasia, 148
Farandole, Bizet, 128
Faschingsschwank, Schumann, 90
Faulte d'Argent, des Prés, 105
Faure, Gabriel, 153
Feuerreiter, Der, Wolf, 194
Figure, The, 23, 64
Fingal's Cave, Mendelssohn, 167, 173
Firebird, The, Stravinsky, 5, 213
Fitzwilliam Virginal Book, 93
Five Piano Pieces, Schönberg, 216
Florentine opera, 190
Flying Dutchman, The, Wagner, 172
Folk Song, Arabia, 92
Folk songs, 177, 229
phrases in, 22
song form in, 57, 65, 67, 70
Fontana, Giovanni, 104
Foote, Arthur, Suite in E major, 138
Foster, Stephen
My Old Kentucky Home, 71
Old Folks at Home, 40, 71, 177
Susannah, Oh!, 71
Fountains of Rome, The, Respighi, 171
Four Orchestral Songs, Schönberg, 8
Fragmentation, 107
Francesca da Rimini, Tchaikovsky, 167
Franck, César
cyclical treatment in, 153
harmonic preferences of, 234
Prelude, 9
Sonata in A, 127, 130, 214
Symphony in D minor, 34, 62, 106,
109, 152
Französische Overture, Bach, 167
Free forms, 169-73
Debussy and, 232
in Impressionism, 222
Free organum, 200
Free variation, 99
Freischütz, Der, Weber, 168, 193
French ballet, 107
French overture, 166
French Suites, Bach, 25, 67
Frescobaldi, Girolamo, 146, 159
Fugue in G minor, 125
ricercari of, 207
Froberger, Johann, 146, 156
Frottola, 206
Fugato, 138, 162
Fuggetta, Schumann, 138
Fugue, 131-38
as distinguished from ricercar, 207
development of, 105
episode in, 61
form of, 126
in Brahms' Handel Variations, 97
motivic treatment in, 4
section in, 61
structural basis of, 37
see Bach, J. S.
Fugue, Rheinberger, 138
Fugue in G minor, Frescobaldi, 125
Fünf Geistliche Lieder, Webern, 240
Gabrieli, Andrea, 103, 146, 161, 205
Ricercar, 105
Gabrieli, Giovanni, 161
Gagliard, 159
Galant music
see Style galant
Galliard, 81, 93
characteristics of, 157
Gavotte
characteristics of, 158
construction of, 25
in Bach, 90
in sonata-allegro, 107
Gavotte, Gossec, 83
Geminiani, Francesco, 106
Gershwin, George, 224
I Got Rhythm, 5
Rhapsody in Blue, 165
Gesamtkunstwerk, 189, 231
Gesualdo, Don Carlo, 235
Gibbons, Orlando, 169
Gigue
characteristics of, 158
in Bach, 156
in sonata-allegro, 108
Glazunov, Alexander
Variations, 97
Violin Concerto, 95
Glee, 193
Glorious Apollo, Webbe, 194
Gluck, Christoph, 167
Goldberg Variations, Bach, 94, 96, 127,
130, 138
Golyshch, Jef, 215
Gonzazis, Giacomo, Sonata per Liuto,
105
Gossec, François, Gavotte, 83
Gothic period, motet in, 183
Götterdämmerung, Wagner, 189
Graduale Romanum, 179
Graduals, 180
Grand Canyon Suite, Grofé, 160
Grandi, Alessandro, Cantade et arie à
voce soli, 186
Great Fugue, Beethoven, 137-38
Gregorian chant, 90, 169, 179-80, 199
Gregorian Mass, 182
Gregory I, 179
Grieg, Edvard
Index

_Aus Holbergs Zeit, 84_
_Dance-Caprice, 34_
_Peer Gynt Suite No. 1, 15, 35, 160_
_Piano Concerto, 164_
Griffes, Charles
_Pleasure Dome of Kubla Khan, The, 40_
seven-tone scale of, 211
Griselda, La, Scarlatti, 166
Grofé, Ferde, _Grand Canyon Suite_, 160
Ground motive or bass, 94, 139-41
Gruber, Franz, _Silent Night_, 177
_Guardame las vacas, O, 141_

Hába, Alois, 212
_Half-cadence, 11, 37, 38, 39, 43, 51, 64, 70, 72_
_Halle, Adam de la, Robin et Marion, 177_
Hambidge, Jay, 229
_Handel, G. F., 142, 167, 192_
anthems of, 185
_Clavier Suite No. 6, 136_
_Concertos, 161_
_Harmonious Blacksmith variations, 94_
_Israel in Egypt, 186_
_Judas Maccabaeus, 193_
_Messiah, The, 133, 136-37, 178, 186_
organ concertos of, 163
_Scipio, 193_
_Sonatas for violin, 159_
_Sonatine, 100_
_Hanson, Howard, 211_
_Harmonie der Welt, Hindemith, 143_
_Harpsichord, 104, 106, 108, 161, 163_
_Harris, Roy_
_American Ballads, 17_
_Quintet, 136_
_Sonata, Op. 1, 28, 219_
_Symphony No. 3, 152-53_
_Hauer, J. M., 215_
_Haydn, Joseph, 103, 108, 126, 182_
concerto form in, 163
_Creation, The, 137, 168, 186_
“Kaiser” Quartet, 95
_Seasons, The, 186_
_Sonata in D major, 152_
sonata-allegro form in, 107
String Quartet, Op. 33, Nos. 3-6, 82
Op. 74, No. 1, 112
Op. 76, No. 3, 65
_Symphony in B-flat, 23_
in D, 32
in E-flat, 95, 109
in G, 31, 32, 34, 50, 95, 115, 151
No. 84, 112
No. 85, 112
No. 90, 109
No. 98, 109
use of minuet, 82
use of scherzo, 82
variation technique, 95
_Variations in F minor, 95_
_Heldenleben, Ein, Strauss, 172_
_Heptatonic, 122_
_Heterophony, 92_
_Hindemith. Paul, 103, 122_
_Craft of Musical Composition, 212_
_Harmonie der Welt, 143_
_Ludus Tonalis, 18, 133, 137, 212, 240_
_Mathis der Maler, 141, 191_
_Sonata for flute, 117_
_Sonata for violin, 116_
_Sonata No. 1, 106, 152_
_Symphony in E-flat, 24_
_Historical Anthology of Music, Davison and Apel, 67, 90, 105, 130, 141, 142, 146, 147, 161, 166, 169, 185, 191, 193, 194, 207, 208_
_Historical determinism, 230, 232_
_Hocket, 204_
in serial music, 217
_Holst, Gustav, Planets, The, 160_
_Homophonic forms_
conformity of, 126
episode in, 61
figure in, 7
in sonata development, 107
in suites, 158
phrases in, 22, 25
rondo in, 85
section in, 61
structural basis of, 37, 53, 70, 81
texture in, 61
variation form of, 95
_Honegger, Arthur, 147_
_Christmas Cantata, 208_
_King David, 186_
_Hornpipe, 158_
_Huneker, James, 228_
_Hymn, 169, 177, 179, 182, 199_
phrases in, 22
song form in, 57, 65
use of cadence in, 11
_I Got Rhythm, Gershwin, 5_
_Idée fixe, 153_
_Il San Alessio, Landi, 166_
_Imitation_
in contrapuntal forms, 122, 127-38
in fugue, 131
in invention, 131
in suite, 107
in variations, 96
of figures, 7
_Imperial Austrian Anthem, 66_
_Implication, 16_
_Impressionistic music, 172, 221, 222, 225_
chord movement in, 213
sectional technique in, 61
_Improvisation, 212_
Index

Judas Maccabaeus, Handel, 193

Kabalevsky, Dmitri, Sonatine in C major, 101
Kalenda Maya, de Vaqueiras, 204
Kammersymphonie, Schönberg, 153
Kerll, Johann, 146
Khachaturian, Aram, 147
Violin Concerto, 49
King David, Honegger, 186
King Lear, Berlioz, 167
Klangfarbenmelodie, 217
Klengel, August, Twenty-Four Canons and Fugues, 123
Kobbe, 168
Kodály, Zoltán, Peacock Variations, 95
Křenek, Ernst, 216
Inventions, 131
Kreutzer, Rodolphe, Violin Etude, 7
Krieger, Johann, 156
Kuhlau, Friedrich
Sonatina, Op. 20, No. 1, 101
Op. 22, No. 2, 60
Op. 55, No. 1, 101
Kuhnau, Johann, 94, 105

Lai, 203
Laisse, 203
Lakmé, Delibes, 192
Landi, Stefano, Il San Alessio, 166
Landini, Francesco, 127, 205
Laude, 203
Laws of association, 227
Legrenzi, Giovanni, 104
Leich, 203
Leitmotifs, 169-70, 189
Léonin, 201
Leonore overtures, Beethoven, 6, 117, 167, 168
Lesson, 103, 156
Liadov, Anatol, Variations, 97
Liber Usualis, 90, 178, 179, 180, 201, 202
Lied, 194
Liszt, Franz, 103, 172, 220
definition of program music, 171
Faust Symphony, 171, 215
Piano Concerto in A major, 152, 165
in E-flat, 152, 165
Préludes, Les, 171, 173
Sonata in B minor, 106
What One Hears on the Mountain, 171
Locatelli, Pietro, 106
Loewe, Karl, Archibald Douglas, 194
Lohengrin, Wagner, 167-68
Londonderry Air, 65
Loure, 158
Ludus Tonalis, Hindemith, 18, 133, 137, 212, 240

Incises, 179
Inductive treatment in sonata-allegro, 117
Instrumental music
before seventeenth century, 104
cadence in, 12
canzona, 105
estampie as, 204
fugue in, 137
homophonic theme in, 37
introduction in, 58
motet form in, 184
Obrecht and, 206
overture in, 166
program music in, 171-72
recitative in, 191
repetition of periods in, 49
rondo in, 85
secular, 206
sonata-allegro in, 103
song forms in, 57, 65, 70, 71
variation forms in, 93

Interlude
in fugue, 137
in song forms, 61, 72
phrase as, 25

Intermezzo, 205
see Brahms

Intonazione, 146

Introduction
extended cadence in, 15
in chorale prelude, 148
in fugue, 137
in rondo form, 88
in sonata-allegro form, 108, 109
in sonatine form, 100
in song forms, 58, 67, 71, 82
independent, 24
simple, 31

Invention
episode in, 61
form of, 126, 130
motivic treatment in, 4
prototype of, 207
section in, 61
structural basis of, 37
see Bach, J. S.
Inventions, Křenek, 131

Inversion of tone row, 216

Inverted counterpoint, 124

Ionian mode, 121

Irregular phrases
see Phrase

Ishtar Variations, d’Indy, 98

Isorhythmic motet, 183

Israel in Egypt, Handel, 186

Istituzioni harmoniche, Le, Zarlino, 12

Italian overture, 166

Ives, Charles, 215, 224, 239

Jazz, 93, 141, 224
Index

Luening, Otto, 221
Lully, Jean-Baptiste, 82, 166
Lute compositions, 93, 105, 141, 156, 206
Luther, Martin, 147
Mighty Fortress, A, 183
Luzzaschi, Luzzasco, 132
Lyric Suite, Berg, 160

MacDowell, Edward, Scotch Poem, 24
Machaut, Guillaume de
Mass, 182
Rondeau, 124
Madrigal, 104, 199, 205
Madrigal comedy, 205
Magic Flute, The, Mozart, 168
Magnificat, 184
Mahler, Gustav, 221
mosaic treatment in, 118
Symphony No. 4, 88, 110, 118, 151
Makuschi Song, 92
Mannheim composers, 82, 106
Marenzio, Luca, 205
Marriage of Figaro, Mozart, 167
Mass
concert Mass, 182
cyclic treatment in, 153
order of, 181
variations of melody in, 93
see Bach, J. S.
Mass, Machaut, 182
Mass in C major, Beethoven, 137, 182
Mathis der Maler, Hindemith, 141, 191
Mazurka
see Chopin
Mazzochi, Domenico, 235
Measured organum, 201
Medieval church modes, 121
Medium, The, Menotti, 141, 190
Meistersinger von Nürnberg, Die,
Wagner, 66, 167.
Meistersingers, 66, 202
Melismatic style, 178, 180, 200, 201
Members (motives), 179
Mendelssohn, Felix
concerto innovation of, 164
Elijah, 186
Fingal's Cave, 167, 173
Italian Symphony, 83
Midsummer Night's Dream, 84, 86, 89
St. Paul, 186
Songs Without Words, No. 2, 71
No. 3, 24
No. 4, 24, 74
No. 6, 13, 81
No. 12, 30
No. 14, 14, 48, 229
No. 16, 51
No. 22, 41, 71
No. 23, 25, 51, 58, 61, 72, 75
No. 25, 73
No. 26, 73
No. 27, 38, 58, 73, 75
No. 29, 75
No. 30, 35, 53, 73, 74
No. 32, 53
No. 34, 16, 24, 26, 51, 76
No. 35, 24, 38, 58, 72
No. 40, 27
No. 45, 4, 75
No. 48, 75
Symphony No. 4, 114-15
Variations Sérièuses, 65, 95, 97
Violin Concerto, 164
Menotti, Gian Carlo
Amahl and the Night Visitors, 62, 190
Medium, The, 141, 190
Telephone, The, 190
Mensuration canon, 129
Mer, La, Debussy, 172, 222
Merulo, Claudio, 146-47
Messe de Tournai, 182
Messiaen, Olivier
Études de Rhythme, 220
modes of, 20, 211
Messiah, The, Handel, 133, 136, 137, 178, 186
Metamorphosis
in Debussy String Quartet, 154
in sonata-allegro development, 114
Meter, 23
new meters, 218
Metric groupings in figures, 6
Microtonal music, 212
Midsummer Night's Dream, Mendelssohn, 84, 86, 89
Mighty Fortress, A, Luther, 183
Mikrokosmos
see Bartók
Milan, Luis, Villancicos y Sonadas, 105
Milton, John, Paradise Lost, 233
Minnesinger songs, 202-03
patterns in, 66-67
phrase in, 22
Minstrels, Debussy, 5
Minuet
characteristics of, 158
construction of, 25, 81
in Classic sonata, 75, 81
in pre-Classic symphony, 82
in sonata-allegro, 107
key contrast in Bach, 83
Minuet in G, Beethoven, 84
Minuet in G minor, Bach, 52
Mirror canon, 124, 129
Missa L'Homme armé, des Prés, 129
Missa L'Homme armé, Dufay, 130
Missa Solemnis, Beethoven, 182
Mixolydian mode, 121
Modal music
Index

Music in the Baroque Era, Bukofzer, 93
Musica Enchiriadis, 121, 199, 200
Musical Offering, Bach, 129-30, 207-08
Musical rhyme, 66-67, 71
Musique concrète, 221
My Lady Carey's Dompe, 141
My Old Kentucky Home, Foster, 71
My Peace Thou Art, Schubert, 12
Na d'erst, Vogelweide, 67
Nachtmusik, 81
Nationalism, 171, 222
  influence on form, 231, 233
Neapolitan opera, 188
  da capo aria in, 192
Neapolitan sinfonie, 166
Neapolitan Sinfonie, Scarlatti, 105
Neo-Baroque, 143, 163, 207, 224
Neo-Classic, 143, 162, 221, 224-25
Neo-modality, 122, 210, 224
Neo-Romanticism, 223
Neri, St. Philip, 186
Neumatic style, 178
Niecks, Friedrich, Programme Music, 171
Nocturne
  see Chopin
Non-triadic techniques, 213
Notre Dame school, 127, 183, 201
Now is the Month of Maying, 205
Nutcracker Suite, The, Tchaikovsky, 50

Oberon, Weber, 167
Obrecht, Jacob, 122, 132, 184, 206
  Tsaat Een Meskin, 105, 206
Octet, Stravinsky, 224
Ode to Napoleon, Schönberg, 216
Old Folks at Home, Foster, 40, 71, 177
Old French Song, Tchaikovsky, 39
Onward, Christian Soldiers, Sullivan, 183
Open form, 57, 77, 169, 226, 231
Opera, 81, 104, 188
  overtures to, 167
Opposite construction, 43
Oratorio, 81, 186
Ordres, 103, 156
Organ-Grinder, The, Schubert, 8
Organ point, 125
  in fugue, 135, 138
Organ works
  canzona, 105, 132
  chorale prelude, 147
  of Bach, 147-48
  postlude, 63
  ricercar, 207
Organum, 121, 199, 209
Ostinato forms, 94, 139-45
  anticipation of, 93
  patterns in jazz, 224

Moussorgsky, Modest, Pictures at an Exhibition, 171
Mozart, Wolfgang Amadeus
  concerto developments in, 163
  Don Giovanni, 88, 189
  Eine Kleine Nachtmusik, 23, 88
  Exultemus, 186
  Magic Flute, 168
  Marriage of Figaro, 167, 188
  piano concerto form of, 164
  Quartet for flute and strings, 152
  Quartet in C major, 214
  Quintet for clarinet and strings, 95
  Quintet in G minor, 151
  Requiem, 137
  Serenade, 25, 62, 151
  sonata developments in, 107-08, 126
  Sonatas, 5, 13, 24, 95, 116
  String Quartet No. 15, 43
  String Quintet, 129
  Symphony in C major, 41, 109, 113, 116, 113, 116
    in E-flat, 50, 70, 112, 115
    in G minor, 29, 67, 83, 240
    use of minuet, 82
    variation technique of, 95
  Muffat, Georg, 142, 161
  Musette, 83, 158

Motivic cell, 8
Motivic construction, 216

Mozart, Wolfgang Amadeus
  concerto developments in, 163
  Don Giovanni, 88, 189
  Eine Kleine Nachtmusik, 23, 88
  Exultemus, 186
  Magic Flute, 168
  Marriage of Figaro, 167, 188
  piano concerto form of, 164
  Quartet for flute and strings, 152
  Quartet in C major, 214
  Quintet for clarinet and strings, 95
  Quintet in G minor, 151
  Requiem, 137
  Serenade, 25, 62, 151
  sonata developments in, 107-08, 126
  Sonatas, 5, 13, 24, 95, 116
  String Quartet No. 15, 43
  String Quintet, 129
  Symphony in C major, 41, 109, 113, 116, 113, 116
    in E-flat, 50, 70, 112, 115
    in G minor, 29, 67, 83, 240
    use of minuet, 82
    variation technique of, 95
  Muffat, Georg, 142, 161
  Musette, 83, 158

Music-drama, 189

key centers in, 18, 37
plagal progression in, 11
Modes, 121-22, 125, 210
Modified dominant, 17
Modified final tonic, 17
Modified parallelism, 43, 53, 72
Monn, Georg, 106
  Symphony in D major, 107
Monodic, 121, 179, 188, 202, 209
Morley, Thomas, 207
  Now is the Month of Maying, 205
Mosaic treatment, 118
Motet
  chorale motet, 148
  description of, 183
  imitation in, 127
  in sixteenth century, 132, 207
  in thirteenth century, 104, 127
  reiteration of patterns in, 93
  sectional divisions of, 7, 61
  structural basis of, 37, 201
  see Brahms
Motivic
  3-8, 64
    as structural basis, 37, 226
    in Baroque suite, 107
    in fugue, 131
    in invention, 130
    in principal themes, 109
Motivic cell, 8
Motivic construction, 216

Mozart, Wolfgang Amadeus
  concerto developments in, 163
  Don Giovanni, 88, 189
  Eine Kleine Nachtmusik, 23, 88
  Exultemus, 186
  Magic Flute, 168
  Marriage of Figaro, 167, 188
  piano concerto form of, 164
  Quartet for flute and strings, 152
  Quartet in C major, 214
  Quintet for clarinet and strings, 95
  Quintet in G minor, 151
  Requiem, 137
  Serenade, 25, 62, 151
  sonata developments in, 107-08, 126
  Sonatas, 5, 13, 24, 95, 116
  String Quartet No. 15, 43
  String Quintet, 129
  Symphony in C major, 41, 109, 113, 116, 113, 116
    in E-flat, 50, 70, 112, 115
    in G minor, 29, 67, 83, 240
    use of minuet, 82
    variation technique of, 95
  Muffat, Georg, 142, 161
  Musette, 83, 158

Music-drama, 189
Overture, 166-68  
sonata-allegro form in, 103, 108, 113

Pachelbel, Johann, 142, 156  
Vater unser im Himmelreich, 147

Paganini, Niccolò  
Caprice No. 24, 95  
Perpetual Motion, 7

Palestrina, Giovanni, 122, 184, 230  
Adiuro vos, 240  
Aeterna Munera Christi, 93  
Alma redemptoris mater, 12  
Dies Sanctificatus, 7

Pammelia, 193  
Pan-diatonism, 213, 224  
Pan-isorhythmic, 183

Pâque, Désiré, 215

Paradies, Pietro, Sonata in A major, 14
Paradise Lost, Milton, 233

Parallel chord movement, 213
Parallel periods, 39-41, 43-45, 51, 53

Parsifal, Wagner, 214

Part song, 193

Partita, 103, 156, 159  
see Bach, J. S.

Pasquini, B., 103, 146

Passacaglia, 94, 142-43, 217
Passacaglia, Reger, 215
Passacaglia, Rheinberger, 142
Passacaglia and Fugue in C minor, Bach, 136, 142

Passamezzo, 81, 93, 94, 141, 156

Passacaille, 142

Passepied, 158

Passion, 185

Pattern diminution, 229
Pavan, 81, 93, 158, 169

Pavane, Ravel, 213

Peacock Variations, Kodály, 95

Pedal point  
see Organ point

Peer Gynt Suite, Grieg, 15, 35, 160

Pelléas and Mélisande, Sibelius, 140

Percussive cadence, 20

Pergolesi, Giovanni, 205

Peri, Jacopo, 188

Period, The, 24, 37-46, 64, 69  
enlargements and combinations of, 47-54  
in vocal types, 179

Periodic fluctuation, 230-31

Permutation  
of measures, 204  
within a figure, 8

Pérotin, 127, 132, 201

Perpetual Motion, Paganini, 7

Perpetuum Mobile, Böhm, 60

Pes, 139, 206

Petruchka, Stravinsky, 21, 211, 222

Petrucci, Ottaviano, 207

Peuerl, Paul, 94

Phalëse, Pierre, Two Dances for Four Instruments, 94

Phantasy, Schönberg, 19, 170, 216-17

Phrase, The, 22-27, 64  
basis for structure, 227  
extensions of, 47-53  
irregular phrases, 28-36  
phrase group, 24, 47, 50

Phrasing, 26

Phrygian cadence, 11

Phrygian mode, 121

Picardy third, 11

Pictures at an Exhibition, Moussorgsky, 171

Pierrot Lunaire, Schönberg, 192

Pijper, Willem, String Quartet No. 4, 220

Pinocchio overture, Toch, 171

Piston, Walter, Concerto for orchestra, 163

Plagal cadence, 11

Plainsong, 70

Planets, The, Holst, 160

Pleasure Dome of Kubla Khan, The, Griffes, 40

Poëme, Chausson, 165

Scott, 214

Scriabin, 20

Pointillism, 217

Polonaise  
cadences in, 13  
characteristics of, 158

Polonaise Militaire, Chopin, 84

Polyrhythms, 220

Polyphonic forms  
cantilenae, 204  
codetta in, 60  
conformity of, 126  
episode in, 61

figure in, 7  
ground motive in, 140

phrases in, 22, 25  
section in, 61

vocal music, 93

Polytonality, 210, 225

Pop, Goes the Weasel, 40, 66

Post-Romanticism, 221

Postlude, 62  
in fuge, 137  
in song forms, 67, 74  
phrase used as, 24

Potpourri overture, 167

Prelude  
see Chopin, Debussy, Franck, Scriabin

Préludes, Les, Liszt, 171, 173

Program music, 170-73  
cyclic treatment in, 155  
influence on chromaticism, 215

overture as, 166  
sonata-allegro form in, 103
Programme Music, Niecks, 171
Prokofiev, Serge. 103, 147, 164
Classical Symphony, 210
Fifth Symphony, 223
Sonata No. 2, 202
No. 3, 152
No. 5, 89
No. 7, 106, 116
Violin Concerto No. 2, 4, 41, 224, 225
Prolongation
in cadences, 15
in phrases, 32
of melody, 31
Prometheus, Scriabin, 20
Prometheus Overture, Beethoven, 101, 167
Proportions, 229
Proportz, 81
Proposta, 127
Psalmody, 179-80
Puccini, Giacomo, 168
Puncti, 204
Purcell, Henry, 185
Dido and Aeneas, 141
use of ostinato form, 141
Puzzle canon, 130
Quartal music, 213
cadences in, 18
Quartet
see Bartók, Beethoven, Bloch, Debussy, Dvořák, Haydn, Mozart, Pijper, Ravel, Smetana
Quern Quaeritis, 186
Quintet
see Bloch, Harris, Mozart
Quodlibet, 207
Rachmaninov, Serge, 221
Piano Concerto No. 2, 138
No. 3, 164
Rhapsody, 95
Raison, André. Trio en Passecaille, 142
Rameau, Jean-Phillipe, 94
Treatise on Harmony, 230
Ravel, Maurice
Bolero, 97, 220
Pavane, 213
Sonatine, 86, 101, 222, 224
String Quartet, 222
Real answer, 133
Recapitulation
in rondo forms, 89
in sonata-allegro, 108, 115-16
in sonatine form, 100
reversed, 116
Recitative, 190
Reflections in the Water, Debussy, 24
Reger, Max, 142
Passacaglia, 215
Renaissance
forms in, 199
Mass in, 182
motet in, 183-84
pairing of dances in, 81
vocal music in, 7
Repetition
in cadences, 15
in contrapuntal forms, 123
in figures, 4
in periods, 44, 47-49, 66
in phrases, 25, 32-33, 35
in song forms, 66
in variations, 97
of cadence group, 60
Requiem, 182
see Brahms, Mozart
Respighi, Ottorino, 172
Concerto Gregoriano, 18
Fountains of Rome, The, 171
Responsorial psalmody, 180
Restatement, 69, 89
in variations, 98
Retransition
in rondo forms, 88-89
in sonata-allegro, 108, 115
in sonatine form, 100
in song forms, 60, 72, 73, 83
phrase as, 25
Retrograde
canon in serial music, 217
in canon, 128
in contrapuntal forms, 123
in figures, 5
of tone row, 216
Reuben and Rachel, 177
Reverie, Debussy. 25, 31, 33
Revueltas, Silvestre. Sensemayá, 21
Rhapsody, 169
Rhapsody, Rachmaninov, 95
Rhapsody in Blue, Gershwin, 165
Rheinberger, Josef.
Eighth Sonata, 142
Fugue, Op. 78, No. 2, 138
Passacaglia, 142
Rheingold, Das, Wagner, 168
Rhythm and Tempo, Sachs, 239
Rhythmic cadence, 20
Rhythmic character of introduction, 59
Rhythmic expansion, 32
Rhythmic techniques, new, 218, 220
Ricercar, 130, 207
in evolution of fugue, 132
motet as model for, 184
Ricercar, Gabrieli, 105
Rigaudon, 84, 158
Rimsky-Korsakov, Nicolas
scale of, 211
Scheherazade, 50, 155
Rinuccini, Ottavio. Euridice, 188
Index

Ripieno, 161
Risposta, 127
Ritornello, 148, 162, 205
Robin Adair, 67
Robin et Marion, de la Halle, 177
Rococo period
  sonata in 104, 106, 113, 163
  suites in 158
  triadic music in 209
  variations in 94
Rodeo, Copland, 222
Roman Carnival Overture, Berlioz, 15
Roman de Fauvel, 203
Romance, Rubinstein, 15
Romance, Tchaikovsky, 60
Romanesca, 141
Romantic period
  canon in 127
  homophonic forms in 126
  period repetitions in 49
  program music in 171-72
  sonata in 108-09
  song form 81
  triadic music in 209
  variation form in 97
Romeo and Juliet Overture, Tchaikovsky, 58, 109, 167, 173
Rondeau, 85, 90, 142, 203
Rondeau, Machaut, 124
Rondellus, 132, 206
Rondo form, 69, 85-91
  as composite structure, 81
  episode in 61
  in sonata, 151-52
  transition in 60
Rondos, Beethoven, 89-90
Rosenmüller, Johann, 105, 159
Rossi, Salomone, 104
Rossini, Gioachino. William Tell overture, 167
Rota, 132, 206
Rotrouenge, 203
Round, 128
Rubinstein. Anton. Romance in E-flat, 15
Sachs, Curt
  Commonwealth of Art, 92, 230
  Rhythm and Tempo, 239
Sacred du Printemps, Le, Stravinsky, 4, 160, 218, 238
St. Anthony Chorale, 27, 29
St. Martial style, 200
St. Matthew Passion, Bach, 185, 191
St. Paul, Mendelssohn, 186
Saint-Saëns, Camille, 153
  Cello Concerto, 152, 165
Saltarello, 81, 93, 158
Sarabande
  cadences in 13
  characteristics of 158
in Bach, 156
in sonata-allegro, 108
Satie. Erik. Three Pieces in the Form of a Pear, 232
Scale patterns, 122
Scarlatti. A.
  Dal Malo II Bene, 166
  Griselda, La, 166
  Neapolitan Sinfonie, 105
  Toccata Nona, 146
Scarlatti. D., 103, 105, 107, 152
  Sonata in F minor, 107
  Sonata in G, 107
Scena and aria, 193
Scenes from Childhood, Schumann, 191
Schéhérazade, Rimsky-Korsakov, 50, 155
Scheidt. Samuel, 156
  Tablatur Nova, 147
  Vater unser im Himmelreich, 147
Schein. Johann, 94, 156
Schenk. Bloch, 223
Schemata, 211
Scherzo
  forms of, 84
  in Beethoven’s works, 82
  in Classic sonata, 75, 81
Schlick. Arnolt. Tablaturen, 147
Schmid. Bernhard. Tablaturbuch, 132
Schönberg. Arnold, 122, 215, 235
  Five Piano Pieces, Op. 23, 216
  forms used by, 223
  Four Orchestral Songs, 8
  Kammersymphonie, 153
  Ode to Napoleon, 216
  Phantasy for violin, 19, 170, 216-17
  Pierrot Lunaire, 192
  sprechstimme in, 192
  Style and Idea, 210
  Three Piano Pieces, Op. 11, 212, 223, 225
  Transfigured Night, 215
  Variations, 95
Schöne Müllerin, Die, Schubert, 177
Schubert. Franz
  art songs of, 194
  Death and the Maiden, 67
  Impromptu in B-flat, 95
  My Peace Thou Art, 12
  Organ-Grinder, The, 8
  Schöne Müllerin, Die, 177
  Trout, The, 8
  Wanderer’s Night Song, 67
Schuman, William
  Symphony No. 6, 170
Schumann. Robert, 147
  Album Blätter, 26
  Album for the Young, 65, 72-73, 127, 130
  Carnival, 5, 171
  Curious Story, 13
Index

Faschingsschwank, 90
Fuguetta, Op. 126, 138
Scenes from Childhood, 191
Sicilienne, 36, 75, 84
Slumber Song, 44
Soldiers’ March, 38
Symphony No. 1, 84, 116, 152, 214
No. 2, 84
No. 4, 106, 109, 116, 152
Variations Symphoniques, 95
Warum?, 26
Schütz, Heinrich, 184, 186
Schweitzer, Albert, J. S. Bach, 94
Scipio, Handel, 193
Scotch Poem, MacDowell, 24
Scott, Cyril
Diatonic Study, 18
Poème, 214
Scriabin, Alexander
Fifth Piano Sonata, 20, 116
Poème, 20
Prelude, 20, 140
Prometheus, 20
Seasons, The, Haydn, 186
Section
in chorale prelude, 148
in coda, 62
in fugue, 135
in invention, 130
in song forms, 61
in vocal forms, 25
Semantics of music, 233-34
Semi-phrase, 23, 64
Sensenayá, Revueltas, 21
Sentence, 24-25, 37
Sequence
development of, 201-02
in contrapuntal forms, 122, 131
in figures, 4, 23
in invention, 131
in periods, 41, 43
in phrases, 32-34
in suite, 107
versicles in, 203
Wagner’s use of, 35
Serenade, 158
Serenade, Mozart, 25, 62, 151
Serenata Andaluza, de Falla, 32
Serial music
	see Tone-row music
Sexet, Copland, 219
Shifting cadence, 13
Shifting tonalities, 210
Shostakovich, Dmitri
Symphony No. 1, 17, 152
Three Fantastic Dances, 48
Sibelius, Jean, 172, 221
inductive development of, 117-18
Pelléas and Mélisande, 140
prolongation in melody, 31
Symphony No. 2, 117
No. 4, 31, 58
No. 5, 151
No. 8, 152
violin concerto of, 164
Siciliano, 97, 158
Sicilienne, Schumann, 36, 75, 84
Siegfried Idyll, Wagner, 35
Sereenite, Gruber, 177
Sinfonia, 159
Sixteenth-century music
relationship of chords in, 11
Slonimsky, Nicolas, Thesaurus of Scales, 20
Slumber Song, Schumann, 44
Smetana, Bedrich

Bartered Bride, The, 222
String Quartet, 116
Soldiers’ March, Schumann, 38
Solesmes school, 179
Sonata, 103, 151-55
da camera, 108, 159
da chiesa, 108, 159
evolution of, 104-05
rondo form in, 90
scherzo in, 82
song forms in, 75, 81
see Bach, Barber, Beethoven, Berg, Bloch, Brahms, Chopin, Franck, Gorzanis, Handel, Harris, Haydn, Hindemith, Liszt, Mozart, Paradies, Prokofiev, Rheinberger, Scarlatti, Scriabin, Stravinsky
Sonata-allegro, 69, 103-18
in concertos, 164
in overture, 167
structure of, 81
transition in, 59
Sonata-rondo, 89
Sonate concertate, 163
Sonatine, 69
form of, 100-02
see Busoni, Dussek, Handel, Kabalevsky, Kuhlau, Ravel
Song forms, 57-63
five-part, 75-77
irregular, 75-78
phrase as, 25
two-part, 69-74
three-part, 64-68
with trio, 81-84
Song of the Heath, d’Indy, 41
Songs Without Words,
	see Mendelssohn
Sourwood Mountain, 67
Spinacino, Francesca, 207
Sprechstimme, 192
Stamitz, Johann, 82, 106
Steal Away, 40

263
Index

Stevens, Richard, 194
Stile rappresentativo
see Baroque music
Stile recitativo, 185, 190
Stimmtausch
see Double counterpoint
Stockhausen, Karlheinz, 220-21, 224
Stradella, Alessandro, 161
Strauss, Richard
Burleska, 165
Death and Transfiguration, 31, 172
Don Juan, 172
Don Quixote, 171
Elektra, 214
Heldenleben, Ein, 172
introduction to operas, 168
method of composing, 22
Thus Spake Zarathustra, 171-72, 214-15
Till Eulenspiegel, 62, 172
tone poems of, 172
Stravinsky, Igor
Concerto for piano, 224
differing trends in, 225
Firebird, The, 5, 213
Octet, 224
Petrouchka, 21, 211, 222
Sacre du Printemps, Le, 4, 160, 218, 238
Sonata, 224
Symphony in Three Movements, 17, 141
Stretto
in contrapuntal forms, 125
in fugue, 134-35, 138
Strophic song, 177
in art song, 194
in chant, 180
in vers, 202
Strophic variation, 93
Structural rhythm, 228
Style and Idea, Schönberg, 210
Style galant, appoggiatura in, 14
Subject
see Motive
Suite, 103, 156-60
in Baroque period, 83, 107
influence of, 106, 113
invention as synonym, 130
variation suite, 94
see Bach, Bartók, Berg, Dohnanyi, Foote, Grieg, Grofé, Handel, Tchaikovsky, Zipoli
Sullivan, Sir Arthur, Onward, Christian Soldiers, 183
Sumer is icumen in, 130, 139, 206
Susannah, Oh!, Foster, 71
Suspensions in cadences, 14
Syllabic style, 178
Symphonic poem, 171
Symphonie Fantastique, Berlioz, 116, 153, 171
Symphony
pre-Classic, 82
rondo form in, 90
sonata-allegro form in, 103, 108
song form in, 81
see Beethoven, Berlioz, Borodin, Brahms, Bruckner, Dvořák, Franck, Harris, Haydn, Hindemith, Liszt, Mahler, Mendelssohn, Monn, Mozart, Prokofiev, Schönberg, Schuman, Schumann, Shostakovich. Sibelius, Stravinsky, Tchaikovsky, Vaughan Williams, Webern
Synthesisism, 225
Synthetic modes, 122
Synthetic scales, 211
cadences in, 20
Tablatura Nova, Scheidt, 147
Tablaturbuch, Schmid, 132
Tablaturen, Schlick, 147
Tactus, 231
Talea, 183
Tallis, Thomas, 185
Tartini, Giuseppe, 103-04, 106
Tchaikovsky, Peter Ilyich
Francesca da Rimini, 167
Nutcracker Suite, 50
Old French Song, 39
Piano Concerto, 111, 164
Romance, 60
Romeo and Juliet, 58, 109, 167, 173
Symphony No. 4, 112, 140
No. 5, 109, 112
No. 6, 3, 13, 26, 109-10
Telephone, The, Menotti, 190
Tempo, 23
Ternary form, 69
Teschner, Melchior. All Glory, Laud and Honor, 183
Texture, structural implications of, 61
Thesaurus of Scales, Slonimsky, 20
Thirteen Canons, Brahms, 127
Three Fantastic Dances, Shostakovich, 48
Three Piano Pieces, Schönberg, 212, 223, 225
Three Pieces in the Form of a Pear, Satie, 232
Through-composed, 179
in art song, 194
in chant, 180
opera, 188
vers melodies, 169
Thus Spake Zarathustra, Strauss, 171-72, 214-15
Tierec de Picardie, 11
Till Eulenspiegel, Strauss, 62, 172
Toccata, 146-47, 169
figure in, 7
section in, 61
Toccata in G minor, Bach, 146
Toccata Nona, Scarlatti, 146
Toccatina, Cowell, 213
Toch, Ernst. Pinocchio overture, 171
Tonal answer, 133
Tonal music, 37, 209
cadences in, 10, 13, 37
establishment of, 104
rondo form in, 86, 88
section in, 61
subordinate theme in, 111, 115
three-part form in, 70, 72, 75
Tone-color melodies, 217
Tone-row music. 214-18
Berg, Alban. Concerto for violin, 165
cadence in, 19
canon in, 127
chord construction in, 214
cyclic treatment in, 153
dissonance in, 213
hocket in, 204
interval pattern in, 8
invention in, 131
Ludus Tonalis, 137
motivic cell in, 8
sonata in, 153
variation in, 223
Torelli, Giuseppe, 159, 162-63
Trabaci, Giovanni, 159
Transfigured Night, Schönberg, 215
Transition
in rondo form, 88-89
in sonata-allegro, 111
in sonatine, 100
in song forms, 59, 72, 82
phrase as, 25
Transitional episode, 59
Transposition
in contrapuntal forms, 125
in periods, 41
in rondo forms, 88-90
in sonata-allegro, 107, 114
in song forms, 66, 73, 76-77, 82
in suite, 107
Traviata, La, Verdi, 192
Treatise on Harmony, Rameau, 230
Triadic music
see Tonal music
Trio, in Baroque music, 82
Trio en Passacaille, Raison, 142
Trio in E-flat. Beethoven, 95
Tripla, 81
Tristan und Isolde, Wagner, 77, 167, 168, 169-70, 192, 214
Tropes, 201
Troubadour songs, 199, 202
patterns in, 66, 169
phrase in, 22
Trout, The, Schubert, 8
Trouvères. 66, 199, 202
Trovatore, II. Verdi, 189
Tsaaat E'en Meskin, Obrecht, 105, 206
Tu pauperum refugium, des Prés, 11
Turini, 103
Twelve-tone music
see Tone-row music
Twentieth-century music. 209-25
cadences in, 16
characteristics of, 70
concert fugue in, 137
free forms in, 170
invention in, 131
neo-Baroque trend in, 207
opera in, 190
ostinato in, 141
passacaglia in, 142
phrase analysis in, 27
sonata in, 106, 153
synthetic patterns in, 20
variation treatment in, 98
Twenty-Four Canons and Fugues, Klen-gel, 123
Two Dances for Four Instruments, Pha-lése, 94
Tye, Christopher, 185

Ussachevsky, Vladimir, 221

Valentini. Giuseppe, 104
Variation form, 92-99
Variation procedures, 96-97
Variations
Vater unser im Himmelreich, 147
Vaughan Williams, Ralph, London Sym-phony, 225
Vecchi, Orazio, 205
Veracini, Francesco, 106
Verdelot, Philippe, 205
Verdi, Giuseppe
Aida, 92
Falstaff, 137
Traviata, La, 192
Trovatore, II, 189
Verri, Brahms, 194
Vers. 169, 202
Versicles, 203
Vladana, Lodovico, 161
Concerti Ecclesiastici, 184
Viennese school, 104
Vieuxtemps, Henri. Violin Concerto No. 4, 164
Villancico, 203
Villancicos y Sonadas, Milan, 105
Index

Vinier, Guillaume le, 203

Violin
perfection of instrument, 104
sonatas for, 106, 108

Virelai, 203, 206

Virginal, 141

Vitali, Giovanni, 104, 130
Vitali, Tommaso, Chaconne, 144

Vitebsk, Copland, 212

Vivaldi, Antonio, 104, 135

Vocal types
polyphonic forms in, 25, 93
ricercar in, 207
rondo form in, 88
sacred types, 177-87
secular types, 188-95
song forms in, 57, 65, 71

Vogelweide, Walther von der, Na al'erst, 67
Voiles, Debussy, 240
Vox organalis, 199
Vox principalis, 199

Wagner, Richard
barform in, 66
cyclic treatment in, 153, 215
endless melody of, 20, 167
Flying Dutchman, The, 172
Götterdämmerung, 189
Lohengrin, 167-68
Meistersinger von Nürnberg, Die, 66, 167
music-drama of, 189
Parsifal, 214
recitative in, 192
Rheingold, Das, 168
Siegfried Idyll, 35
Tristan und Isolde, 77, 167-70, 192, 214
use of sequence, 35, 234
Walehe Dance, 92

Walton, Sir William, Belshazzar's Feast, 186

Waltz, Op. 39, Brahms, 50
Wanderer's Night Song, Schubert, 67
Warum?, Schumann, 26
Webbe, Samuel, 193
Glorious Apollo, 194
Weber, Carl Maria von
Freischütz, Der, 168, 193
Oberon, 167
Webern, Anton
forms used by, 223
Fünf Geistliche Lieder, 240
Symphony, Op. 21, 217
Wecker, Georg, 132
Wedda Song, 92
Wel kes, Thomas, 205
Well-Tempered Clavier, The see Bach, J.S.
What One Hears on the Mountain, Liszt, 171
When Love is Kind, 177
Whole-tone scale, 20
Wilbye, John, Adieu, Sweet Amarillis, 205
Willaert, Adrian, 207
William Tell overture, Rossini, 167
Williams, Ralph Vaughan, London Symphony, 223
Winchester, Bishop of, Concordia Regul\'aris, 186
Windsperger, Lothar, 168
Wipo of Burgundy, 201
Wolf, Hugo
Drum Major, The, 194
Feuerreiter, Der, 194
Wozzeck, Berg, 20, 38, 214

Zarlino, Gioseffo, Le Istitutioni harmoniche, 12
Zipoli, Domenico, Suite in B minor, 125
Music MT58.S83

Structure and style
Stein, Leon, 1910-2002