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Form in Selected Twentieth-Century Piano Concertos. Final Report.

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A formal analytical approach was utilized to develop chart analyses of all movements within 33 selected piano concertos composed in the twentieth century. The macroform, or overall structure, of each movement was determined by the initial statement, frequency of use, and order of each main thematic element identified. Theme groupings were then classified under formal classical prototypes of the eighteenth and nineteenth centuries (ternary, sonata-allegro, 5-part or 7-part rondo, theme and variations, and others), modified versions of these forms (three-part design), or a variety of free sectional forms. The chart and thematic illustrations are followed by a commentary discussing each movement as well as the entire concerto. No correlation exists between styles and forms of the 33 concertos--the 26 composers use traditional, individualistic, classical, and dissonant forms in a combination of ways. Almost all works contain common unifying thematic elements, and cyclicism (identical theme occurring in more than 1 movement) is used to a great degree. None of the movements in sonata-allegro form contain double expositions, but 22 concertos have 3 movements, and 21 have cadenzas, suggesting that the composers have largely respected standards established in the Classical-Romantic period. Appendix A is the complete form diagram of Samuel Barber's Piano Concerto, Appendix B has concentrated analyses of all the concertos, and Appendix C lists each movement according to its design. (WM)

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John R. Hanson
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SUMMARY

This report concerns a research project undertaken to fulfill the dissertation requirement for a doctoral degree. The dissertation was submitted to the Eastman School of Music in Rochester, New York, and it is entitled Macroform in Selected Twentieth-Century Piano Concertos. The dissertation presents a formal analysis of all the movements within thirty-three selected piano concertos of the twentieth century, with twenty-six composers represented. The following concertos are included: Barber, Bartok (First, Second, and Third), Britten, Chávez, Copland, von Einem, Gershwin, Ginastera, Haieff, Hanson, Helm (Second), Kabalevsky (Third), Khachaturian, La Montaine, G.F. Malipiero (Third), Martinů (Third), McPhee (For Piano and Wind Octette), Menotti, Pijper, Poulenc, Prokofiev (First, Second, Third, and Fifth), Ravel (G major), Rawsthorne (Second), Schoenberg, Shostakovich (First and Second), Stravinsky (Capriccio and Concerto for Piano and Wind Instruments). There are published scores (orchestral or two-piano arrangement) for each one, and each concerto has been commercially recorded on disc.

The dissertation presents in chart form detailed analyses of each of the movements of the concertos. This report includes a detailed analysis of the Barber Concerto as an example of the procedure used (Appendix A); condensations of the analyses of all of the concertos showing their major formal divisions also appear in this report (Appendix B).

The analyses in the dissertation concern the large, over-all or "macro" form of the movements as determined by the statement and subsequent use of the main thematic elements. After these elements had been located, they were arbitrarily labeled (with a number, or letter, or combination of both) and the labels listed vertically on a page, along with an identifying measure number and a brief explanatory statement. On the basis of aural impression, the thematic elements were then grouped into sections and the structure resulting from the sectioning was usually identified with a formal prototype such as "sonata-allegro," "rondo," "ternary," etc. Some movements did show some modifications of these designs, and some movements were labeled "free, sectional" when there was extensive departure from standard patterns. The thematic elements themselves range from brief figures, through motives, to longer, lyric phrases; they are quoted in musical notation on a separate page following the chart of each movement. Following the charts of each concerto, a commentary includes information regarding formal modifications or irregularities, thematic unifying devices, and characteristics of the harmonic and melodic style.

While the main purpose of the dissertation was to present the series of analyses as a reference source, three main conclusions were reached. The first was that the concept of accepting thematic statements and uses as the determinant of the large, over-all form proved valid for this particular choice of literature. Second, while various styles and formal

modifications were encountered, the majority of the movements were classified according to one of the formal prototypes of the Classical-Romantic period (18th and 19th centuries), showing a rather marked indebtedness to pre-existing formal traditions. Third, no correlation between harmonic style and form was in evidence--that is, a more dissonant style was not necessarily associated with an unusual formal arrangement, or conversely, a more traditional style was not necessarily associated with an adherence to stricter classical forms; many combinations and mixtures were found.

Characteristics peculiar to the classical concerto include the use of three movements, the cadenza for the solo instrument, and the "double exposition" in the opening sonata-allegro movement. In these 20th century concertos, twenty-two of the thirty-three have three movements (the others have from one to five); twenty-one contain cadenzas (five of which have them in two movements); however, there are no concertos containing a movement in sonata-allegro form with a double exposition.

Other common and less common elements are discussed in the section on Findings. Then, appearing as Appendix C, each movement of all the concertos is contained in a listing according to the following categories: sonata-allegro, ternary (A B A), three-part (not strict A B A), five-part rondo, seven-part rondo, theme and variations, A A B, two-part or binary, five-part but not rondo, unipartite, and free, sectional designs. Cadenzas, cyclicism, and concertos with other than three movements also are enumerated.

INTRODUCTION

One of the intriguing aspects of art is the reason for its appeal to man--what are the elements contributing to its beauty? One generally accepted theorem is that beauty in art is the result of a balance between unity and variety. It is often difficult to be very specific about the elements of art and their use as devices of unity or variety, especially in music, which is the most abstract of the arts. Nevertheless, in the past, certain techniques of analysis have been accepted as being meaningful and relevant to the understanding of a work of music.

These techniques include describing the over-all form of each movement of a work (that is describing the ordering of the thematic material and key centers) and searching for balancing similarities or differences in the thematic material (that is seeking common elements of length, shape, key, motives, rhythmic devices, and any other characteristics peculiar to the themes of a work).

During the late 18th century and during the 19th century, composers limited the possibilities of ordering the thematic material to a certain few generally accepted formal prototypes, given such names as "sonata-allegro," "three-part," "rondo," or "theme and variations," and these forms were employed in the concerto literature as well as in purely symphonic music and in chamber music. Due to the presence of the solo instrument, the concerto, besides exhibiting the aforementioned forms, also acquired some other standardizations peculiar to it, such as the "double exposition" modification of the sonata-allegro form, and the use of a "cadenza."

The purposes of this research project are: 1) to provide a reference source of information regarding the large, over-all or "macro" form of all the movements within thirty-three selected piano concertos of the 20th century, and 2) to determine the influence of pre-existing formal prototypes and practices on 20th century composers of concertos. Also, elements of the harmonic style were taken into consideration to see if there might have been a relationship between style and form.

The macroform was determined by the statements and subsequent ordering and use of the thematic materials, and this over-all formal pattern was schematically represented by means of a diagram for each movement. Twentieth century freedoms in key relationships and more dissonant harmonic styles have diminished the importance of tonality as a determinant of form, but tonalities have been considered, where possible.

It is often difficult to comprehend an over-all pattern of themes when one listens to or looks at a piece of music. The author has found the type of diagram in the book by Moore and Heger entitled The Symphony and the Symphonic Poem to be very helpful in giving an overview of a movement.¹ This particular format has thus been used in the dissertation.

¹Earl V. Moore and Theodore E. Heger, The Symphony and the Symphonic Poem (Third revised edition; Ann Arbor, 1957).

It enables the reader to trace, usually on a single page, the form-determining thematic elements of a movement without getting involved in complex, and often confusing, paragraphs of descriptions. The dissertation, then, presents in a factual, diagrammatic manner the thematic occurrences and formal divisions of each movement of the selected concertos. In addition to the form charts with accompanying thematic illustrations, there is a commentary for each concerto which includes information regarding formal modifications or irregularities, thematic unifying devices, and characteristics of the harmonic and melodic style. A concluding chapter summarizes and codifies some of the common and some of the less usual elements encountered in the study.

Twentieth century piano concertos were chosen because the author wished to see how 20th century composers treated an established, multi-movement form for a specific ensemble, and because the author has a particular liking for this genre.

A few rather arbitrary criteria served as the basis for making selections of works. First, the music had to be published, but either the score or the two-piano arrangement was acceptable. It was also decided that a logical continuation of the idea of availability was to include only concertos which had been commercially recorded, since those persons interested in the analyses presumably would want to be able to hear the work. However, this did eliminate concertos by several prominent composers, including Blacher, Dallapiccola, Foss, Henze, Hindemith, Maderna, Persichetti, W. Schuman, and Sessions. Only works for a single piano soloist were considered, and none for the left hand alone was included. The selection was limited to works specifically entitled "concerto," with Stravinsky's Capriccio being the one exception. The athenatic, complex style of Elliott Carter seemed to render meaningless any attempt to describe his recent concerto in terms of the theme-oriented form charts of this study. Besides those concertos which have standard symphonic instrumentation (with minor differences in the woodwinds, brass, and percussion) the McPhee is scored for a wind octette, the Shostakovich First is for strings and solo trumpet, the Stravinsky Concerto is for wind ensemble, and the Stravinsky Capriccio has an added string concertino. All things considered, these concertos in this study show a broad representation of nationalities, of musical styles, and of chronological periods within the century.

METHODS

In the dissertation, the charts of the concertos are arranged alphabetically by composer. Information regarding the date of the composition and the first performance appears at the top of the form chart for the first movement of each concerto.

The suggested name of the form for a movement appears as the title above each form diagram. Standard form names are used when possible; other times it is necessary to qualify a form with "modified" or "quasi" or to use another description. Irregularities in the form or difficulties in classification are discussed in the commentary following the chart of the last movement of each work. Common terms include ternary (A B A), sonata-allegro (exposition, development, recapitulation), five-part rondo (generally A B A C A), and seven-part rondo. "Three-part" is sometimes used as a label rather than "ternary" in which case there may not be thematic contrast between the first two parts or there may not be a return of previous material following a digression. Sometimes there is more than one possible interpretation or grouping of themes, so that alternatives are occasionally given or discussed. It is not the purpose of this thesis to declare unequivocally that each movement must be identified with a formal prototype. The forms offered seem to the author to be the most likely interpretation of the thematic ordering.

The charts appear in a special, small-sized type, enabling most of them to be contained on a single page. Following is a description of the material included on a form chart, an example of which appears as Appendix A in this report (Appendix B is a condensation of the diagrams of all the concertos, showing the main formal divisions of each movement).

Beginning at the left margin of the form charts, certain material is delegated to the following specific columns: Form column, Rehearsal number, Measure number, Key, Theme, and Brief statement. These will be explained in turn:

Form column: This contains labels (lettered vertically) for the main sections of a movement, primarily those alluded to in the form title. A solid line cutting the column occurs at the major formal divisions. In the case of sonata-allegro design, two form columns are used, the second one showing the interior divisions within the exposition and recapitulation. Sometimes a short line or a dotted line is used to show minor breaks within a section. The number in parentheses following a section label gives the number of measures in that section.

Rehearsal number: In many of the scores, the measures are not numbered; therefore, in those cases, a column listing rehearsal numbers is included and a specific rehearsal number is listed when it helps to locate a thematic occurrence. The letter "R" appears at the top of this column.

Measure number: Each acknowledgment of a theme or of an important juncture is identified by measure number. The measures are numbered continuously for the entire movement. This column is labeled "m."

Key: A column for key center is used, where applicable. In some styles, key centers are practically non-existent, or very nebulous, in which case they are not listed. When they are indicated, it does not mean that the whole section remains in that key, but only that at or near the inception of the particular item under consideration, a key center is in evidence. In this column, capital letters indicate major or major-type keys; lower-case letters, minor or minor-type keys. The column is labeled "K."

Theme: The major ideas are labeled with numbers (or letters) so that recurrences are readily apparent. These thematic labels are always placed in parentheses. An underline indicates the idea is in the piano. The labels are quite arbitrary, and the numbers do not indicate anything in themselves; that is, a (1) is not necessarily a "main theme" or a (2) a "second" or "subordinate theme." The only methods for differentiating the status of material are the following:

(1) A letter such as (a) or (b) may be used for a motive (a melodic idea consisting of a few to several notes) preceding a longer melodic statement which will receive a number.

(2) Similarly, a letter such as (x) or (y) may be used for a figure (a brief melodic idea consisting of only a few notes).

(3) A set of numbers and letters such as (2a) and (2b) shows two rather proximate parts of the same longer melodic material.

(4) A number and a letter such as (2x) or (2y) indicate a musical figure occurring as a part of, or as an outgrowth of, a longer melodic statement.

With some movements, these methods of status differentiation by letter did not seem necessary; therefore, only thematic numbers were used. Due to the nature of music, it is impossible to be completely faithful to such categories, and moreover it was sometimes difficult to decide if a particular musical thought, when compared to others in the same movement, merited a number, or a letter, or perhaps neither. While it is true then that the actual assignment of theme numbers and letters was arbitrary and in some cases open to debate, it is hoped that the appearances and ordering of these numbers successfully fulfill the purpose of clearly showing the main thematic occurrences and relationships within a movement.

On a separate page following each form diagram, the labeled themes are listed in musical notation.

Brief statement: Each thematic entry is followed by a descriptive phrase or two concerning the identified theme or the nature of the

thematic continuation. Remarks on derivations of ideas or relationships to other themes are also included.

Following the form charts and thematic illustrations for each concerto, there is a commentary in paragraph form which discusses each movement separately and also the concerto as a whole. Consideration of modifications or irregularities of forms is included in these commentaries. Since the author was interested in exploring unifying devices in the works--especially regarding themes--factors of motivic inter-relationship, thematic transformation, and cyclicism were given attention. Also, it was felt that a few comments on the characteristics of the style would be helpful in determining a possible correlation between style and form.

RESULTS AND FINDINGS

When this study was undertaken, it was not presumed that the proposed analytical approach would be applicable or would show significant results for all the works to be considered. As it turned out, however, the concept of formal analysis based on thematic appearances indeed proved to be the most valid for this particular choice of literature. The specific technique was to select the main thematic elements based on the importance of initial inceptions and subsequent reappearances, and, having done so and having listed their ordering, then to determine the most logical groupings of these elements. Aural impressions strongly influenced the choices. In the majority of cases, it was found that the resulting structure suggested a macroform that was based on or was similar to one of the standardized classical forms.

According to each composer's own characteristics of style, these "thematic" elements are not necessarily lyric tunes, but range from figures of a few notes, through motives of several notes, to melodic ideas of phrase length. While they are mostly melodic, occasionally a chord structure, a harmonic progression, or a rhythmic motive assumes the role of one of these form-determining "thematic" elements.

Music of course is in a constant state of evolution, and while this study points up a continuation of many formal traditions from the eighteenth and nineteenth centuries, differences and changes also must be considered. It was necessary, for instance, to qualify the forms of several movements with the word "modified" or to describe some movements as "free, sectional" design, but then, even in the Classical and Romantic periods there was often considerable individual deviation from established forms.

The importance of key centers and certain key center orderings, as well as stereotyped cadences, phrase lengths, and rhythmic structures, has diminished in the music of this century to the point where in many instances these elements can no longer be considered as form determinants. On the other hand, a practice that seems to be gaining favor is the autogenetic process wherein material seems to grow and develop from that which immediately precedes it in an ever-changing pattern; this was in evidence in some of the concertos.

Thematic statements and orderings may or may not be traveling the route of cultural extinction. Present-day evidence of a thematic technique in avant-garde, electronic, and chance compositions may be pointing to the thematic demise. It will take several more years, however, before this trend can be more surely recognized, because the elimination of form-determining thematic occurrences presents very serious and difficult problems in aesthetic coherence and meaningfulness. For the selections under consideration in this study, thematic statement and ordering proved to be the most viable form determinant.

Thematic unifying devices were found to be an important part of many of the concertos. Some are rather overt, such as cyclic returns of themes appearing in previous movements of a work. Many devices are more subtle, however, being based on similarities between themes regarding such characteristics as figures, contours, intervals, rhythms, and climax points. While some styles include a rather wide variety and succession of themes, many are based on the classic principle of making the most economical use of a limited amount of material.

Compositional idioms were given some consideration in the study in order that relationships between styles and forms might have been seen. The conclusion was reached that such correlations are not valid--that is, a more dissonant style is not necessarily associated with an unusual formal arrangement, or conversely, a more traditional style is not necessarily associated with an adherence to stricter classical forms. Rather, many combinations and mixtures were found. For instance, the concertos by Hanson and Kabalevsky are in a rather conservative harmonic style and show rather traditional formal arrangements; the concertos by Gershwin and Martinů are also in a more traditional, tertian idiom but formally are not very traditional. The Bartok First and Second concertos show a relatively advanced, dissonant idiom, but are quite traditional formally, and the concertos by Chávez, Ginastera, and Schoenberg are in a dissonant idiom and also show highly individualistic formal treatment. Another group shows an admixture in both areas, combining aspects of traditional and less traditional practices in both harmonic idiom and form. This group would include the works by Britten, Prokofiev, and Stravinsky.

Twenty-one of the concertos exhibit the classical practice of three-movement, fast-slow-fast over-all form. The Haieff, also in three movements, has a slow-fast-fast scheme. Of the remaining eleven, three have one movement (Pijper, Prokofiev First, and Schoenberg) and the Copland has two movements. Those with four movements (usually a scherzo is the added second movement) include the Britten, Ginastera, Hanson, Prokofiev Second, Rawsthorne, and Shostakovich First, while the Prokofiev Fifth has five movements. Counting four movements for the Schoenberg because of interior divisions, the thirty-three concertos have a total of 103 movements. With the exception of the Pijper and the Poulenc, all of the concertos end climactically.

Twenty-nine movements are classified as sonata-allegro, but the majority of them do have some qualifying modifications. Twenty of the first movements are in sonata-allegro form, and there are four second movements, four third movements, and one fourth movement in this form. While some works have introductions, there was no evidence of a "double exposition."

Nineteen of the second movements are either ternary (A B A) or three-part (not strict A B A). Five-part rondo designs are identified in nine movements, and seven-part rondo in five, with most of them being concluding movements. Only four movements employ theme and variation technique. Fifteen movements are classified as "free, sectional" rather than being included in any of the other categories,

due to certain characteristics peculiar respectively to those movements.

Cadenzas appear in twenty-one of the concertos; five have them in two movements. They are all written out by the composers. Lengths vary widely, from quite short to rather extensive. Purpose and placement also differ, with some being a more integral part of the form while others remain in the tradition of technical display. Fourteen of the cadenzas are in first movements. Of course, there are many places for the solo piano (where there is no orchestral accompaniment) which do not have the aura of a cadenza.

Cyclicism (use of the same theme in more than one movement) is quite prominent in many of the concertos, and is especially noticeable in last movements.

Although each concerto contains individualistic contributions, some of the more noteworthy features in the group under consideration are the following: continuance from one movement to the next with little or no pause (Bartok First, movements II to III, Bartok Third, movements II to III, Chávez, movements I to II and II to III, Copland, movements I to II, and Helm, movements II to III); continuous, non-cadential style in a long, uniquely-formed movement (Chávez, movement I); influence of jazz or "popular" music (Copland and Gershwin); cadenza at the very beginning (Ginastera); concerto in one movement (Pijper and Prokofiev First), in two movements (Copland), and in five movements (Prokofiev Fifth); movement III as a short fantasia between II and IV (Shostakovich First); serial technique (Schoenberg and Ginastera); unusual instrumental ensembles (wind octette in McPhee, string orchestra and solo trumpet in Shostakovich First, wind ensemble in Stravinsky Concerto, and added string concertino in Stravinsky Capriccio).

To conclude, then, the dissertation has presented formal analyses of each of the movements of the concertos, and the study has shown the validity of tracing thematic statements and occurrences to determine formal structures, and has shown that even among the various styles and formal innovations encountered, there is a strong adherence to classical formal practices regarding thematic usage and ordering.

Lists of all the movements according to their assigned formal types appear as Appendix C. Also included is a listing of the appearances and placements of cadenzas, the occurrences of cyclicism, and of those concertos with other than three movements.

CONCLUSIONS

The research carried out in this project yielded three major conclusions:

First; in the particular group of 20th century concertos under consideration, it was indeed possible to select and label the respective thematic elements, with the order of said elements becoming the basis on which the large, over-all formal plan of a movement is determined. This does not imply that all 20th century works or even all 20th century concertos can be analyzed on this basis, but since many prominent composers are represented in this study, it seems safe to assume that a majority of 20th century works (at least up to 1960) would show a dependence upon thematic statements and use as the over-all formal determinant. (Neither does it imply that it will always be so; current practices in avant-garde, chance, and electronic compositions seem to be replacing recurrent thematic statements with other form-determining factors). Beyond the statements and use of the thematic material as the determinant of the macroform, practically all the compositions exhibited some common elements among the themes which served as unifying factors within a work.

Second; since it was possible to classify most of the movements according to one of the pre-existing formal prototypes of the 18th and 19th centuries, there was no doubt that the majority of the composers of the concertos consciously employed time-tested plans of musical formal coherence. Nevertheless, it is necessary to add that within the framework of these standard formal schemes, there was a great amount of individualistic variety and modification. Also, fifteen of the total 103 movements were classified as "free, sectional" design because their particular thematic ordering did not qualify them for inclusion in one of the standard formal categories.

Third; no correlation between harmonic style and formal practices was in evidence, so that a more dissonant style did not necessarily have an unusual formal arrangement nor was a more traditional style necessarily associated with an adherence to stricter classical forms. Many combinations and mixtures were found.

Two pedagogical applications emerge from the study. First, the availability of this type of chart analysis will help a student appreciate, in a minimum amount of time, the formal structure of a given movement. Second, having a student work out such a chart analysis for himself will greatly enhance his understanding of and appreciation for the formal designs in a given composition.

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APPENDIX A

PIANO CONCERTO, OP. 38

SAMUEL BARBER (b. 1910)

Composed in 1962. First performed on September 24, 1962; Soloist was John Browning, with the Boston Symphony under Erich Leinsdorf, at the opening week of the Lincoln Center for the Performing Arts, Philharmonic Hall, New York.

MVMT. I. SONATA-ALLEGRO DESIGN

	R.	m.	K.		
Intro. (19)		1		*(<u>abc</u>) <u>ALLEGRO APPASSIONATO</u> . Introductory section consists of the use of three motives, all announced in the piano. Motive (b) is at m. 4, motive (c) is heard at m. 7. Starting at m. 16, punctuating chords in the orchestra and a piano arpeggio based on (b) lead to the main theme.	
Exposition (81)	Main Theme	2	20	e	(1) <u>PIÙ MOSSO</u> . Orchestra states main theme. Accompaniment pattern derived from theme.
		3+	35	g#	(1) A more expressive statement of the theme in the piano. Second phrase taken over by orchestra in m. 39 <u>4</u> , as piano gets figuration.
		4+	44	c#	(1) The head motive is used in both the piano and orchestra in developmental style.
	Trans.	6	59		(a) First motive, at different levels, begins transition, as piano drops out.
		7+	70		(b) In dotted pattern, derived from arpeggio of m. 11.
		8	73		(c) Leads to subordinate theme.
	Subordinate Th.	9	79	g#	(2) First statement of the lyrical theme in the oboe.
		10	87	g#	(2) Sung again in the strings, accompanied by its own diminution.
		11	95		(a) In diminution in imitative entries in the winds.
		11+	97		(b) The dotted-pattern arpeggio from m. 70.
11+		98		(c) In diminution in the winds, over a drum roll, leads to pause preceding the development. (Piano tacet since m. 59.)	
Development (101)		12	101		(b) <u>DOPPIO MOSSO</u> . Motive in orchestra, with punctuating piano chords: then piano arpeggiation.
		13	108		(<u>c</u>) In the piano--chordally in the orchestra. Motive (a) at m. 112.
		14	114		(b) Imitative entries of (b) in piano and orchestra; added piano figuration.
		16+	133		(a) To the accompaniment, based on (b) in piano and orchestral tremolos, motive (a) is given several statements in the orchestra.
		17+	143		(b) In dotted pattern, from m. 70.
		18	145		(c) In imitative entries.
		18+	149		(a) Inverted statements of (a); then dissolution from m. 155-159.
		19+	160		(b) Use of tritone, in diads and triads in piano and orchestra, starts a build-up.
		21+	179		(a) Statements in orchestra, to continuing figuration based on (b) in the piano. Climaxes at m. 186 on <u>c e f# g# a#</u> chord.
	Cadenza	22	186 187 195 201		Bravura Cadenza. Starts with contrary motion sixteenth-note sweep. (1) Head motive of main theme given motivic treatment. Pattern from m. 54 appears briefly. Concludes with rising scale; almost chromatic, but omits notes in successive fourth relation (no <u>e</u> , <u>a</u> , <u>d</u> , <u>g</u> , <u>c</u> , etc.)

(Continued)

*An underlined entry indicates that the idea is in the piano.

SAMUEL BARBER
PIANO CONCERTO, Op. 38

MVMT. I. SONATA-ALLEGRO DESIGN

(Continued)

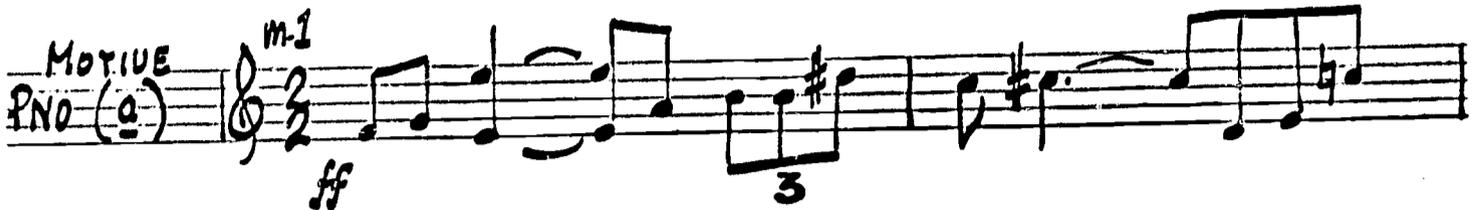
	R.	m.	K.		
Recapitulation (65)	Main	23	202	e	(1) Return of main theme, similar to mm. 20-34.
		24+	217	bb	(1) Similar to exposition, but with change of key.
		25+	226	eb	(1) Except for key, continues much the same as before, with some modification and re-writing.
	T.	27	239		(a) Inverted, is used for shortened transition.
	Sub. Th.	28	247	bb	(2) Statement of subordinate theme given to piano here.
		29	255	e	(2) Sudden shift of key. This is similar to second statement of this theme in the exposition (m. 87) except for change of voice parts.
30 30+		263 266	e	(a) In diminution, similar to m. 95, but m. 265 is new. Dotted pattern in piano, cadencing on E-minor triad at m. 267.	
Coda (21)	30+	267	C	(2) Subordinate theme enters in horn, implying C major tonality, as coda is elided with end of recapitulation as piano holds E-minor triad.	
	31	272		(a) <u>ALLEGRO MISTERIOSO</u> . Start of final build-up with (a) in orchestra, accompanied with sixteenth quintuplet related to (c) or (b).	
	31+	275		Arpeggiation featuring tritone (from (b) or (c)) in piano; tritone tremolo in orchestra.	
	31+	277	e	(1) E center is re-established, with diminution of (1) in piano and orchestra.	
	32	282	e	(c) This motive used for final drive to the cadence.	

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SAMUEL BARBER
PIANO CONCERTO, OP. 38

I

MOTIVE
PNO (a) *m.1*
ff



PNO (b) *m.4*
ff



PNO (c) *m.7*
ff



ORC (1) *m.20* [2]
f



ff espr.



OBOE (2) *m. 19* [9] *Doppio meno mosso*
p espr.



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SAMUEL BARBER
PIANO CONCERTO, OP. 38

MVMT. II. CANZONE. THREE-PART DESIGN

	R.	m.	K.	
First Part (15)		2	c [#]	(1) <u>MODERATO</u> . The accompaniment (taken from the main theme) starts in the first measure; the flute introduces the one-measure motive that is the basis for the whole melody.
	1	10	c [#]	(1) Piano gets statement of theme.
	1+	12	g [#]	(a)(b) New continuation features motive (a) in left hand (derived from (a) of first movement) and motive (b) in right hand (derived from (b) of first movement). Right hand in m. 13 is a further transformation of (b).
Second Part (15)	2	16	d [#]	(1) In orchestra; beginning elided with cadence from m. 15 to m. 16.
		17	f [#]	(1) In piano.
	3	18	c [#]	(a)(b) Piano has (a), orchestra (b); Mm. 18-21 are similar to mm. 12-15.
		22		Mm. 22-25 resemble material from mm. 6-9, with piano imitating orchestra after two beats.
	4	26	c [#]	(b) The modification of (b) from m. 13 in imitation in the strings brings the section to a close and leads to return of (1).
Third Part (18)	5	31	c [#]	(1) In piano, with thirty-second-note figuration. Figuration continues, and some parts are exchanged, but tune from mm. 31-42 repeats mm. 2-15.
		39	g [#]	(a)(b) Similar to m. 12, but with (b) in orchestra instead of piano.
	7	43		Mm. 43-46 resemble mm. 22-25.
		47	c [#]	(1) Two measures of (1) added as extension.
Coda(3)	8	49	c [#]	(b) Similar to mm. 26-27; piano adds final imitative entry of (1) to end the movement.

SAMUEL BARBER
PIANO CONCERTO, Op. 38

MVMT. III. FIVE-PART RONDO DESIGN

	R.	m.	K.	
Section A (76)		1	b ^b	(a) <u>ALLEGRO MOLTO</u> . Chords in orchestra, identified as motive (a), establish 5/8 meter. Piano enters with left hand ostinato at m. 6 1 .
	1+	8	b ^b	(1) Forceful, exciting main theme in right hand, featuring secundal simultaneities. Drives to climax at m. 37.
	4	37		(a) Piano has chordal motive.
	4+	42	b ^b	(1) First eight measures of theme in lower brass; piano has its ostinato.
	5	51	b ^b	(1) Another inception of the head of the theme in the orchestra; piano given thirty-second arpeggiation.
	6	60	b ^b	As orchestra continues five-note ostinato, piano treats material similar to mm. 18-22.
	7	71		(a) Returns; then descending secundal sixteenths in piano lead to next section.
Section B (35)	8	77	f [#]	<u>MENO MOSSO</u> . Xylophone introduces 5-note ostinato (material is a 5-note chromatic "cell").
		79		(2) Clarinet states this theme, which also employs the 5-note chromatic cell.
	9	87	G	(2) Piano has statement of theme, with ostinato continuing.
	10	95	C	(2) Tune in trombone, as ostinato continues, but at another pitch level. Violin has major-seventh leap obbligato; piano has sixteenth figuration based on chromatic cell with octave displacement.
	10+	100	F	Modification of tune in strings as piano figuration continues. Material dissolves into retransition.
Sec. A' (58)	12	112	b ^b	(1) <u>TEMPO I</u> . Rewritten return of the main theme material. Tune in orchestra, ostinato in piano. Piano takes thematic material at m. 123. Builds to climax at m. 140 15 .
	16	154		(a) Piano enters with treatment of (a) material, which leads to (3).
Sec. C (59)	18	170	D	(3) <u>MENO MOSSO</u> . Tertian chordal theme in winds. Downward first phrase balanced by rising second phrase.
	20	187	D	(3) Piano enters with triplet sixteenth embellishment, and tune in top voice.
	22	201		(3) Full orchestral statement of theme.
	24+	220	F [#]	(3) Following a diminuendo, piano has chordal theme; in m. 223, the chords are taken over by orchestra as piano adds figuration. Chords in piano at m. 226 lead to retransition.
Retransition (45)	25	229	g ^b	(a) Material from the opening chords, and also from the main theme, is used to return to original tempo and mood: over pedal g ^b in timpani, orchestra has chords and piano has secundal arpeggiation.
	27	248	d	(1) <u>PIU MOSSO DEL TEMPO I</u> . Orchestra has entries of main theme on successively higher levels, over d pedal; really a "false return."
	29+	273		Piano enters with violent polychords, reminiscent of the start of the cadenza of the first movement.

(Continued)

SAMUEL BARBER
PIANO CONCERTO, Op. 38

MVMT. III. FIVE-PART RONDO DESIGN

(Continued)

	R.	m.	K.	
Section A'' (72)	30	274	b ^b	(1) <u>A TEMPO</u> . Following two measures of ostinato the main theme enters in piano at m. 276, and the furious drive continues over a pedal <u>b^b</u> .
	32	295	b ^b	The piano breaks into glissandi, as orchestra has thematic figures.
	33	303	G	(2)(a) The melodic pattern of (2) is combined with the opening chordal material to carry the motion. Piano enters with this combined idea in m. 311 34 .
	35 35+	321 329	b ^b	(a) In piano, then in orchestra. (1) In orchestra, with secunda sixteenths in piano, builds to the climactic, closing chords.

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SAMUEL BARBER
PIANO CONCERTO, OP. 38

III

Allegro molto
m. 1.

FULL ORCH (a)

m. 8

Meno mosso
m. 79

CLAR (2)

Meno mosso
m. 170

WINDS (3)

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COMMENTARY

I. The first movement of Barber's concerto exhibits rather singular treatment of sonata-allegro design. The theme following the three opening motives is readily identified as the "main theme," yet the opening section is by no means an isolated introduction since the motives have continuing importance through the rest of the movement. They are employed for the transition between the themes, and they constitute the whole development section up to the cadenza; indeed, they are closely related to each other and to the main themes.

As is the case in other concertos, the cadenza is the concluding element of the development section; Barber bases his on the main theme.

The key pattern in the exposition and recapitulation also merits attention. In each case, the second statement of the main theme (measures 35 and 217) is in the key in which the subordinate theme later enters, so there is key contrast within the main theme section as well as both unity and contrast between the two thematic sections.

Barber's use of motivic material is classically economical, as through the movement most of the material of the respective voices is related to one of the three opening motives, or to one of the two themes.

Motive (c) may be thought of as the catalytic element which unifies the three primary motives. There is a strong similarity of contour between motive (c) and the first measure of motive (a). The tritone leap is the obvious unifying factor between (c) and (b), but also to be noted is that notes three, four, and five of (b) (d e a[#]) show the same intervallic relationship as the head of (c) (d[#] e[#] b).

In comparing motive (a) with the main theme (1), one discovers that the notes representing the high points of the successive upward figures of (a) (e, d[#], c[#], c-natural, and b) are reflected in the low points of the successive downward figures of (1) (d[#], d-natural, c[#], c-natural, and b).

Finally, the initial ascending sixth, the triplet, and the descending seventh unify motive (a) and the subordinate theme (2). This affinity is further substantiated by the fact that in both the exposition and the recapitulation, motive (a) immediately follows the statements of (2) and gives the effect of being a transformation or modification of (2). Themes (1) and (2) are thus connected, not only by both being related to (a), but also through the stress of the interval of the sixth at their beginnings, which then expands to a minor seventh by the end of the initial phrase of each theme.

The notes of motive (a) form a ten-note scale, with the minor third g - b^b omitted. The notes of the first phrase of the main theme (1) also form a ten-note scale, lacking the minor third f[#] - a. Successive intervals in the scales of motives (b) and (c) are, respectively, 1-3-2-1-3-2 and

1-3-3-4-1, both starting on e. The subordinate theme employs all twelve notes by the end of its fourth measure.

II. The slow second movement is an example of monothematic treatment within a three-part framework. The divisions are based on the strong cadences occurring at measures 15 to 16, and at 30 to 31, resulting in the three balanced sections. Mutually exclusive treatment is not meant to be implied, however, as procedures from the first section occur in the second; also, material at the conclusion of the second section returns at the conclusion of the third section.

This movement is based on one main motivic idea, labeled (1) on the diagram. This appears as a one-measure element in $3/2$ meter. Other motives which are outgrowths of (1) appear, and the (a) and (b) motives, modifications of (a) and (b) of the first movement, are used, with all of these being one-measure ideas also, but in $4/4$ meter.

As with both themes (1) and (2) of the first movement, the main idea of this movement is accompanied by figuration taken from itself.

III. The last movement is a very clear five-part rondo. The tonic center is B-flat minor, and, as Fontaine points out, this completes the sequence E minor, C-sharp minor, and B-flat minor for the keys of the movements, such outline of a diminished triad relating to the tritone idea of motives (b) and (c) of the first movement.² The keys of the sections of the last movement (B-flat minor, F-sharp minor, and D major) outline the augmented triad, such outline being the head motive of the main idea (1) of the first movement.

The themes of the last movement seem to emphasize contrasting elements. The main theme, with its long, gradual sweeping ascent and secundal clashes is set into further relief by the narrow-range, chromatic second theme. Within the second theme, the motive in the second measure is inverted for the third measure. The theme of the C section (3) exhibits a larger range, but tertian harmony is its unique element, and the phrase contours alternate descending and ascending progressions. The initial chordal motive (a) shows a relationship to theme (2) because of the alternating chromaticism.

Barber's style remains quite faithful to sense of key center and use of tertian harmonic material. There is considerable contrapuntal interest in this concerto. Moderating harmonic elements are the avoidance of common root movement patterns, some use of polychordal and non-tertian combinations, and occasional brief, but effective employment of synthetic scalar material. Besides the scales of the themes of the first movement, just prior to measure 187; the ascending scale ending the cadenza, measure 201, which has a 1-1-1-2-1-1-1-2 arrangement; and in the last movement, the rising seconds in the theme at measure 15 are in the

²P. Fontaine, Basic Formal Structures in Music (New York, 1967) p. 226.

2-1-2-1-2-1 pattern.

While the motivic technique of the concerto is based on classic principles, the range of intensity, the melodic and harmonic flavor, and the bravura piano part all contribute to the inherent "neo-romantic" quality.

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APPENDIX B
CONDENSATIONS OF THE CHART ANALYSES OF ALL THE CONCERTOS

PIANO CONCERTO, OP. 38 (1962)	SAMUEL BARBER (b. 1910)
<p>I. Sonata-allegro</p> <p style="margin-left: 20px;">Section</p> <p style="margin-left: 40px;">Introductory</p> <p style="margin-left: 40px;">Exposition</p> <p style="margin-left: 60px;">20 Main theme</p> <p style="margin-left: 60px;">59 Transition</p> <p style="margin-left: 60px;">79 Subordinate theme</p> <p style="margin-left: 20px;">Development</p> <p style="margin-left: 40px;">186 Cadenza</p> <p style="margin-left: 20px;">Recapitulation</p> <p style="margin-left: 40px;">202 Main theme</p> <p style="margin-left: 40px;">239 Transition</p> <p style="margin-left: 40px;">247 Subordinate theme</p> <p style="margin-left: 20px;">Coda</p> <p style="margin-left: 20px;">267</p> <p style="margin-left: 20px;"><u>287</u></p>	<p>II. Canzone. Three-part</p> <p style="margin-left: 20px;">Section</p> <p style="margin-left: 40px;">First part</p> <p style="margin-left: 40px;">Second part</p> <p style="margin-left: 40px;">Third part</p> <p style="margin-left: 40px;">Coda</p> <p style="margin-left: 20px;">m. <u>1</u></p> <p style="margin-left: 40px;">16</p> <p style="margin-left: 40px;">31</p> <p style="margin-left: 40px;">49</p> <p style="margin-left: 40px;"><u>51</u></p>
<p>III. Five-part Rondo</p> <p style="margin-left: 20px;">Section</p> <p style="margin-left: 40px;">Section A</p> <p style="margin-left: 40px;">Section B</p> <p style="margin-left: 40px;">Section A'</p> <p style="margin-left: 40px;">Section C</p> <p style="margin-left: 60px;">229 Retransition</p> <p style="margin-left: 40px;">Section A''</p> <p style="margin-left: 20px;">274</p> <p style="margin-left: 20px;"><u>345</u></p>	<p>III. m. <u>1</u></p> <p style="margin-left: 40px;">77</p> <p style="margin-left: 40px;">112</p> <p style="margin-left: 40px;">170</p> <p style="margin-left: 20px;"><u>274</u></p> <p style="margin-left: 20px;"><u>345</u></p>

PIANO CONCERTO NO. 1 (1926)	B. Bartok (1881-1945)
<p>I. Sonata-allegro</p> <p style="margin-left: 20px;">Section</p> <p style="margin-left: 40px;">Introduction</p> <p style="margin-left: 40px;">Exposition</p> <p style="margin-left: 60px;">38 Main theme</p> <p style="margin-left: 60px;">105 Subordinate theme</p> <p style="margin-left: 20px;">Development</p> <p style="margin-left: 20px;">Recapitulation</p> <p style="margin-left: 40px;">333 Main theme</p> <p style="margin-left: 40px;">415 Subordinate theme</p> <p style="margin-left: 20px;">Coda</p> <p style="margin-left: 20px;">131</p> <p style="margin-left: 20px;">333</p> <p style="margin-left: 20px;">441</p> <p style="margin-left: 20px;"><u>482</u></p>	<p>II. Ternary</p> <p style="margin-left: 20px;">Section</p> <p style="margin-left: 40px;">Section A</p> <p style="margin-left: 40px;">Section B</p> <p style="margin-left: 40px;">Section A</p> <p style="margin-left: 40px;">Coda</p> <p style="margin-left: 40px;">Transition to last movement (16 measures)</p> <p style="margin-left: 20px;">m. <u>1</u></p> <p style="margin-left: 40px;">89</p> <p style="margin-left: 40px;">144</p> <p style="margin-left: 40px;">179</p> <p style="margin-left: 40px;">216</p>
<p>III. Sonata-allegro</p> <p style="margin-left: 20px;">Section</p> <p style="margin-left: 40px;">Exposition</p> <p style="margin-left: 60px;">5 First theme</p> <p style="margin-left: 60px;">57 Second theme</p> <p style="margin-left: 60px;">92 Third theme</p> <p style="margin-left: 20px;">Development</p> <p style="margin-left: 20px;">Return</p> <p style="margin-left: 40px;">357 First theme</p> <p style="margin-left: 40px;">398 Second and Third themes</p> <p style="margin-left: 20px;">Coda</p> <p style="margin-left: 20px;">148</p> <p style="margin-left: 20px;">357.</p> <p style="margin-left: 20px;">492</p> <p style="margin-left: 20px;"><u>534</u></p>	<p>III. m. <u>1</u></p> <p style="margin-left: 40px;">148</p> <p style="margin-left: 40px;">357.</p> <p style="margin-left: 20px;">492</p> <p style="margin-left: 20px;"><u>534</u></p>

PIANO CONCERTO NO. 2 (1930-31) B. BARTOK (1881-1945)

I. Sonata-allegro			
m. <u>1</u>	Section	II. Ternary	Section
	Exposition	1-63	Section A
	1 Main theme	1-208	Section B
	32 Episode		(measures
	58 Main theme		numbered
	82 Second theme		beginning at 1)
95	Development	1-41	Section A
180	Return		
	180 Main theme, inverted		
	200 Transition		
	222 Cadenza		
	255 Second theme		
285	Coda		
<u>307</u>			

III.	Seven-part Rondo
m. <u>1</u>	Section
7	Introduction
45	Section A
78	Section B
94	Section A
145	Section C
162	Section A
211	Section D
255	Section A
<u>326</u>	Coda

PIANO CONCERTO NO. 3 (1945) B. BARTOK (1891-1945)

I. Sonata-allegro			
1	Exposition	II. Ternary	Section A
	1 Main theme	1	Section B
	27 Transition	58	Section A
	54 Second theme	89	
	68 Closing theme	<u>137</u>	
75	Development		(measure numbering
118	Recapitulation		continues to III.)
	118 Main theme		
	145 Transition		
	162 Second theme		
	175 Closing theme;		
	extension concludes		
	movement		

III.	Five-part Rondo
138	Section A
213	Transition
228	Section B
344	Section A
382	Transition
392	Section C
	392 Fugato theme
	427 Another fugato
	theme
	473 Return to m. 392
	theme
	Section A
527	Coda
<u>644</u>	
<u>768</u>	

PIANO CONCERTO NO. 1 IN D MAJOR (1938, rev. 1945)		BENJAMIN BRITTEN (b. 1913)	
I.	Toccata, Free, Sectional	III.	Impromptu.
m.	Section	m.	Section
<u>1</u>	Introductory	<u>1</u>	Theme
50	Main theme	11	Var. I
92	Development	21	Var. II
215	Return main theme	32	Var. III
260	Transition	43	Var. IV
284	Cadenza (divided by dotted bar lines)	54	Var. V
285	Return main theme	64	Var. VI
320	Code	72	Var. VII
<u>332</u>		<u>84</u>	

IV.	March, Modified Sonata-allegro
1	Introduction
25	Exposition
	25 Main theme
	71 Subordinate section
110	Development
	110 First part
	171 Accompanied cadenza
199	Return of main theme
229	Code
<u>279</u>	

PIANO CONCERTO (1938-40)

CARLOS CHAVEZ (b. 1899)

I.	Large Ternary				Free Form; Toccata style
m.	Section	II.	Two part		Section
<u>1</u>	Introduction	<u>1</u>	First part. Theme at	<u>1</u>	First part
31	Section A, Important		m. 27.	83	Second part
	inceptions at mm. 31,	68	Second part. New theme,	<u>207</u>	Third part
	91, 156, 173, 182,		with appearances at mm. 68,	<u>313</u>	
	206, 232, 256, 271.		86, 109.		
346	Section B, Important				
	inceptions at mm. 346,	<u>142</u>			
	379, 413, 487, 536,				
	627, 660, 715, 724, 752.				
787	Section A', Important				
	inceptions at mm. 787,				
	849, 890, 918, 992.				
1065	Coda				
<u>1117</u>					

PIANO CONCERTO (1926)

AARON COPLAND (b. 1900)

I.	Lyric fantasia; Quasi binary				
1	Section A	II.	Modified sonata-allegro		
<u>57</u>	Section B	87	Exposition		
<u>86</u>	(measure numbering		87 Main section		
	continues to II)	263	161 Subordinate section		
			Development		
			263 First part		
			297 Cadenza		
		367	Recall from first movement		
		<u>393</u>	Coda		
		<u>439</u>			

PIANO CONCERTO (1961)

ALBERTO GINASTERA (b. 1916)

I.	<u>Cadenza e varianti</u>			
m.	<u>Section</u>			
	Accompanied cadenza			
47	Variation I			
54	Variation II			
60	Variation III			
68	Variation IV			
80	Variation V			
88	Variation VI			
101	Variation VII			
107	Variation VIII			
118	Variation IX			
141	Variation X			
151	Coda			
<u>166</u>				
II.	<u>Scherzo Allucinante.</u>	Quasi Arch.		
m.	<u>Section</u>			
	Introduction			
94	First part			
200	Second part			
279	Third part			
360	Coda			
<u>395</u>				
III.	<u>Adagissimo.</u>		Three part	
m.	<u>Section</u>			
	First part			
20	Second part			
49	Third part			
<u>64</u>				

IV.	<u>Toccata Concertata.</u>	Seven-part rondo
	<u>Introduction</u>	
1	Section A	
14	Section B	
79	Section A'	
108	Section B'	
155	Section A''	
193	Section B''	
218	Section C''	
272	Section A'''	
294	Coda	
<u>334</u>		



PIANO CONCERTO (1949-50) ALEXEI HAIEFF (b. 1914)

I. Modified Sonata-allegro	II. Modified Sonata-allegro	OR	Five-part Rondo
m. <u>1</u>	m. <u>1</u>		m. <u>1</u>
Section	Section		Section
Exposition	Exposition		Section A
4 Main theme	9 First theme		
68 Subordinate theme	34 Second theme		
86 Main theme	49 Third theme		
92 Development, including new material	73 Third theme	73	Section B
204 Interlude	Development	103	Section A
230 Recapitulation	Recapitulation	121	Section C
230 Subordinate theme	188 First theme	188	Section A
244 Main theme	202 Second theme		
<u>292</u>	Coda		Coda
	216	216	
	<u>244</u>	<u>244</u>	

III. Free, Fantasy, Quasi A A' B
1 Section A
59 Section A'
78 Section B (or Coda)
<u>148</u>



PIANO CONCERTO NO. 3, OP. 50 (1952)

DMITRI KABALEVSKY (b. 1904)

I. Sonata-allegro			
Section		Ternary	
Exposition		Section	Seven-part Rondo
5 Main theme	1	Section A	Section A
73 Subordinate theme	35	Section B	Section B,
Development	98	Section A	Section A'
127 First part	<u>120</u>	Section C"	Section C"
235 Cadenza		Section A"	Section A"
Recapitulation		Section B	Section B
284 Main theme		Transition	Transition
320 Subordinate theme		Cyclic return of subordinate theme	Cyclic return of subordinate theme
Coda		of first movement	of first movement
361		Coda	Coda
<u>398</u>			

PIANO CONCERTO (1935)

ARAM KHACHATURIAN (b. 1903)

I. Sonata-allegro			
1 Introduction		II. Ternary	III. Quasi Ternary
11 Exposition		Section A	Section A
11 Main theme	84	Section B,	Section B
80 Transition	173	Section A'	Cadenza
90 Subordinate theme	220	Coda	Section A'
Development	<u>236</u>		Coda, including cyclic return of
307 Recapitulation			main theme of I.
307 Main theme			
347 Subordinate theme			
Cadenza			
401			
481			
<u>498</u>			

PIANO CONCERTO, OP. 9 (1959)

JOHN LAMONTAINE (b. 1920)

I. Sonata-allegro		Sectional, resembling	III. Sectional; two part,
m. <u>1</u>		bar-form.	with repeat
Section			
Exposition		Section	Section
5 Main theme	1	Introduction	Introduction
48 Subordinate theme	26	Section A	Section A
81 Closing theme	48	Section B	Section B
Development		48 Transition	Return Introduction
Recapitulation		51 Quasi Cadenza	Section A
164 Main theme		63 Coda	Section B
173 Subordinate theme			Coda
200 Closing theme			
Cadenza			
232			
285			
<u>307</u>	<u>72</u>		<u>213</u>

PIANO CONCERTO NO. 3 (1948)

G. FRANCESCO MALIPIERO (b. 1882)

I. Sonata		Free, Sectional	III. Free, Sectional
1 Exposition	1	First section	First section
1 Main theme	31	Transition	Transition
21 First Subordinate	82	Cadenza	Cadenza
theme	<u>90</u>	Recall of theme from	Recall of theme from
33 Second Subordinate		first section	first section
theme		Coda	Coda
58 Closing theme			
65 Recapitulation			
65 Main theme			
78 First Subordinate theme			
85 Closing theme			
Coda			
<u>91</u>			<u>157</u>
<u>108</u>			<u>185</u>

PIANO CONCERTO IN F (1943) GIAN CARLO MENOTTI (b. 1911)

I. Modified Sonata-allegro		Five-part Rondo
m. <u>1</u>		Section
Section		Section A
Exposition		Section B
1 Main theme		Section A'
51 Transition		Section C
72 Second theme		Section A''
118 Closing section		Coda
146 Development		
248 Recapitulation		
248 Main theme		
292 New second theme		
321 Closing section		
357 Cadenza		
413 Coda		
445		

III. m. <u>1</u>	
105	
157	
212	
244	
303	
<u>324</u>	

II. m. <u>1</u>	Three-part Section
37	First part
71	Second part
117	Third part
<u>124</u>	Coda

PIANO CONCERTO (1927) WILLEM PIJPER (1894-1947)

I. One movement; Free Sectional Design, Seven Sections, grouped into three parts		Section Sixth Section. First part for solo piano. Then orchestra added.
R* <u>1</u>		
Section First Section. For piano and orchestra. Presentation of motives and themes for use throughout the concerto.		
7		
8		
<u>17</u>		
Second Section. For solo piano only		
Third Section. For piano and orchestra		
Fourth Section. Mostly for solo piano. Instruments added for climax.		
Fifth Section. For piano and orchestra		
<u>19</u>		

II. R. <u>H.</u>	
Section Sixth Section. First part for solo piano. Then orchestra added.	
III. <u>27</u>	
Seventh Section. For piano and orchestra	

* Rehearsal numbers rather than measure numbers are given for this work because of several sections of polymeter where there are differing measure numbers for various parts.

PIANO CONCERTO (1949) FRANCIS POULENC (1899-1963)

I.	Modified Sonata-allegro	II.	Ternary	III.	Rondeau a la Francaise
m.	Section	m.	Section A	m.	Free form; Rondo related.
<u>1</u>	<u>Exposition</u>	<u>1</u>	Section B	<u>1</u>	Section A
	1 First theme	40	Section A	74	Section B
	60 Second theme	84	Section A	148	Section C
	83 Third theme	94	Coda	235	Section A'
146	Middle Section	<u>101</u>		270	Coda
251	Recapitulation			<u>286</u>	
	251 First Theme				
	280 Third theme				
304	Coda				
<u>318</u>					

PIANO CONCERTO NO. 1 (1911-12) SERGE PROKOFIEV (1891-1953)
 Sonata-allegro design and four-movement plan combined in one movement.

m.	Section
<u>1</u>	<u>Exposition, as the first "movement"</u>
	1 Main theme
	45 Transition theme
	92 Second theme
	156 Closing section
234	Restatement of main theme, as a link to the next part
269	Slow section, as the second "movement"
311	Development, as the "Scherzo"
346	Recapitulation as the "Finale"
	346 Second theme
	410 Closing section
	462 Main theme
487	

PIANO CONCERTO NO. 2 (1913, revised 1923) S. PROKOFIEV (1891-1953)

I. Ternary		III. Intermezzo.	Three-part	Sectional, but ambiguous
m. <u>1</u>		m. <u>1</u>	Section	m. <u>1</u>
45		82	First part	Section
113		116	Second part	Link between first and second section
<u>200</u>		<u>159</u>	Third part	Second section
				Link between second and third section
				Third section
				Conclusion

PIANO CONCERTO NO. 3 (1917-1921) S. PROKOFIEV (1891-1953)

I. Modified Sonata		II. Theme and Variations	III. Modified Rondo
m. <u>1</u>		m. <u>1</u>	m. <u>1</u>
Exposition		Theme	Large A
1. Main theme		Variation I	1 Interior A
61 Transition		Variation II	43 Interior B
68 Subordinate theme		Variation III	83 Interior A
Interlude		Variation IV	Large B
Recapitulation		Variation V	147 Interior C
140 Main theme		Return Theme	170 Interior D
208 Transition			200 Interior C
236 Subordinate theme			Large A'
Coda			275 Interior A
261			376
<u>276</u>			<u>419</u>

PIANO CONCERTO NO. 5 (1932)

I. Ternary	
m. <u>1</u>	Section
139	Section A
218	Section B
244	Section A'
<u>260</u>	Coda

S. PROKOFIEV (1891-1953)

II. Free Design	
m. <u>1</u>	Section
20	First theme, with variation
46	Second theme, with variation
54	Variation of first theme
80	Middle Section
	Combine first and second themes
88	Coda
<u>99</u>	

III. Toccata. Unipartite	
m. <u>1</u>	Section
<u>105</u>	Single, large section

IV. Ternary	
m. <u>1</u>	Section A
30	Transition
47	Section B
91	Retransition
<u>108</u>	Section A
<u>122</u>	

V. Free Design	
m. <u>1</u>	First part
49	Second part - Developmental
150	Transition
194	Coda
<u>327</u>	

Scored as one movement; divided into four sections:

I.	Theme and Variations
m.	<u>Section</u>
<u>1</u>	Theme
39	Interlude
46	Variation I
86	Interlude
90	Variation II
122	Interlude
134	Variation III
158	Codetta
<u>175</u>	

II.	Three part
m.	<u>Section</u>
<u>176</u>	First part
215	Second part
235	Third part
253	Codetta
<u>263</u>	

III.	Free, Sectional
m.	<u>Section</u>
<u>264</u>	Section A
286	Section B; cadenza
303	Section A'
313	Recall from II.
319	Section B'
325	Codetta
<u>329</u>	

IV.	Modified Five-part Rondo
m.	<u>Section</u>
<u>330</u>	Section A
349	Section B
371	Section A'
402	Section C
430	Section A''
468	Coda
<u>492</u>	

PIANO CONCERTO NO. 1, OP. 35 (1933)		DMITRI SHOSTAKOVICH (b. 1906)	
I.	Sonata-allegro	IV.	Sectional; Modified Rondo
m.	Section	m.	Section
<u>1</u>	Exposition	<u>1</u>	Section A
	1 Main theme	90	Section B
79	45 Subordinate theme	147	Section C
117	Development	197	Section A
	Recapitulation	238	Section D
	117 Main theme	281	Section A
	130 Subordinate theme	343	Cadenza
	Coda	413	Coda
<u>164</u>		<u>495</u>	
<u>175</u>			

III. A 29-measure free fantasia leading to the last movement.

PIANO CONCERTO NO. 2, OP. 102 (1957)		DMITRI SHOSTAKOVICH (b. 1906)	
I.	Sonata-allegro	II.	Five-part Song Form
1	Exposition	1	Part I
	1 Main theme	20	Part II
	23 Subordinate theme	54	Part III (I)
	49 Second subordinate or closing theme	73	Part IV (II)
	Development	89	Part V (I)
88	88 First part	<u>104</u>	
	185 Cadenza		
222	Recapitulation		
	222 Main theme		
	238 Subordinate theme		
262	Coda		
<u>265</u>			
		III.	Sonata-allegro
		1	Exposition
			1 Main theme
			75 Subordinate theme
			109 Closing theme
		140	Development
		237	Recapitulation
			237 Main theme
			286 Subordinate theme
			314 Closing theme
		<u>337</u>	Coda
		<u>355</u>	

CONCERTO FOR PIANO AND WIND INSTRUMENTS (1923-24) IGOR STRAVINSKY (b. 1882)

I.	Free, Sectional (Related to Sonata-allegro)	II.	Ternary	III.	Free, Sectional; Rondo-related
m.	Section	m.	Section A	m.	Section
<u>1</u>	Introduction	<u>1</u>	Cadenza	<u>1</u>	First Section
33	Main Section	27	Section B		1 Part A
	33 First theme	44	Cadenza	56	30 Part B
	87 Second theme	85	Section A'		56 Part A'
	110 Transition	<u>108</u>			148 Part C
126	Middle Section;			181	169 Retransition
	Developmental				Third Section
178	Main Section			197	181 Part A
	178 First theme			<u>230</u>	Coda, including cyclic return from first movement
	232 Second theme				
	253 Transition				
261	Cadenza				
313	Coda (Return introduction)				
<u>327</u>					

CAPRICCIO FOR PIANO AND ORCHESTRA (1929) IGOR STRAVINSKY (b. 1882)

I.	Ternary	II.	Ternary	III.	Five-part Rondo
1	Introduction	1	Section A	1	Introduction
19	Section A	20	Section B	22	Section A
60	Section B		20 First part	54	Section B
116	Section A'		27 Second part	125	Section A
165	Coda	59	Section A	146	Section C
<u>194</u>		<u>74</u>	Cadenza	220	Section A'
		<u>84</u>		<u>240</u>	Coda
				<u>248</u>	



APPENDIX C. LISTS OF MOVEMENTS BY FORMAL TYPES

SONATA-ALLEGRO DESIGNS

<u>Concerto</u>	<u>Mvmt.</u>	<u>Remarks</u>
Barber	I	Introductory motives important in rest of movement.
Bartok First	I	Not a large thematic contrast.
Bartok First	III	Not a large thematic contrast.
Bartok Second	I	Modified exposition.
Bartok Third	I	Modified restatements or returns common in Bartok.
Britten	IV	Modified by abbreviated recapitulation.
Copland	II	Modified by omitting recapitulation.
von Einem	I	"Quasi-return" rather than recapitulation because of modifications.
Haieff	I	Modified by: 1) New material in the development; 2) Interlude between the development and recapitulation; 3) Reversed-order recapitulation.
Haieff	II	Analyzed as modified sonata-allegro <u>or</u> as five-part rondo.
Hanson	I	Sonatina: no development.
Helm	I	Modified by abbreviated return.
Helm	III	
Kabalevsky	I	
Khachaturian	I	Includes a new motive in the development.
LaMontaine	I	
Malipiero	I	Sonatina: no development, and abbreviated recapitulation.
Martinů	I	Modified, since the return is changed; also, there is a return of some of the development.
Martinů	II	Modified by abbreviated recapitulation.

McPhee	I	Modified, since only the main theme returns in the recapitulation. In the exposition, there is a reversal of theme mood order from the traditional.
Menotti	I	Modified by new material in the recapitulation.
Poulenc	I	Modified by: 1) New Material in the development; 2) Abbreviated recapitulation.
Prokofiev First		Sonata-allegro combined with a four-movement plan in one movement.
Prokofiev Third	I	Modified sonatina; includes a brief middle section, and a modified return.
Ravel	I	Has more of a middle section than a development.
Ravel	III	Modified by a freer development and an abbreviated return.
Shostakovich First	I	
Shostakovich Second	I	Modified by an abbreviated recapitulation.
Shostakovich Second	III	

TERNARY DESIGNS

<u>Concerto</u>	<u>Mvmt.</u>	<u>Remarks</u>
Bartok First	II	
Bartok Second	II	Chorale - Presto - Chorale gives large contrast.
Bartok Third	II	
Britten	II	
Chávez	I	Large ternary
Gershwin	I	Large ternary
Gershwin	III	Large ternary
Ginastera	II	Quasi-arch design
Hanson	II	
Hanson	IV	
Kabalevsky	II	
Khachaturian	II	
Khachaturian	III	
McPhee	II	
Poulenc	II	
Prokofiev Second	I	
Prokofiev Fifth	I	
Prokofiev Fifth	IV	
Rawsthorne	I	
Rawsthorne	III	
Shostakovich First	I	
Stravinsky <u>Capriccio</u>	I	
Stravinsky <u>Capriccio</u>	II	
Stravinsky Concerto	II	

THREE-PART DESIGNS (not A B A Ternary)

<u>CONCERTO</u>	<u>Mvmt.</u>	<u>Remarks</u>
Barber	II	Monothematic
Ginastera	III	
Hanson	III	Monothematic
Helm	II	Monothematic
Malipiero	II	
Menotti	II	
Prokofiev Second	II	
Prokofiev Second	III	
Ravel	II	
Schoenberg	II	

FIVE-PART RONDOS (A B A C A)

<u>Concerto</u>	<u>Mvmt.</u>	<u>Remarks</u>
Barber	III	
Bartok Third	III	
von Einem	III	
Haieff	II	Analyzed as five-part rondo <u>or</u> as modified sonata-allegro.
Martinů	III	
Menotti	III	
Schoenberg	IV	Modified, as the second digression is the recurrence of previous ideas rather than new material.
Stravinsky <u>Capriccio</u>	III	Modified by unity of key center.
Stravinsky Concerto	III	Rondo form given as an alternate possibility

SEVEN-PART RONDOS

Bartok Second	III	A B A C A D A
Ginastera	IV	A B A B A C A
Kabalevsky	III	Modified by a cyclic return which replaces the final A theme.
Prokofiev Third	III	A B A C D C A
Rawsthorne	II	A B A C A D A

THEME AND VARIATION TECHNIQUE

<u>Concerto</u>	<u>Mvmt.</u>	<u>Remarks</u>
Britten	III	Seven variations on a theme; some resemblance to a Passacaglia.
Ginastera	I	<u>Cadenza e variante</u> . Ten variations, based on material from the cadenza .
Prokofiev Third	II	Theme, five variations, return theme.
Schoenberg	I	Theme and three variations, with interrupting interludes.

A A' B DESIGNS

Haieff	III	A A' B
LaMontaine	II	A A' B

TWO-PART OR BINARY DESIGNS

Chávez	II	A, Theme (1); B, Theme (2).
Copland	I	Quasi-binary; thematic materials shared.
von Einem	II	A, Themes (1), (2); B, Theme (3); Coda.
Prokofiev Fifth	V	First Part; Second Part; Transition; Coda.

FIVE PART BUT NOT RONDO

Gershwin	II	Slow tempo, not rondo-like in mood.
Shostakovich Second	II	Five-part song form (I-II-I-II-I)

UNIPARTITE DESIGN

<u>Concerto</u>	<u>Mvmt.</u>	<u>Remarks</u>
Prokofiev Fifth	III	

FREE SECTIONAL DESIGNS (Not included in other classifications)

Britten	I	Related to sonata-allegro
Chavez	III	Toccata style; Possibly three part.
LaMontaine	III	Intro., A, B, Intro., A, B, Coda.
Malipiero	III	First Section, Transition, Cadenza, Recall of first section, Coda.
McPhee	III	A, B, C, A & B, Coda.
Pijper		One movement, with seven sections grouped into three divisions.
Poulenc	III	Thematic potpourri, grouped into A, B, C, A', Coda.
Prokofiev Second	IV	Three large sections, but ambiguous implications.
Prokofiev Fifth	II	First theme, second theme, first theme, mid-section, combine themes, Coda.
Rawsthorne	IV	A, B, C, A, Cadenza, Coda.
Schoenberg	III	A, B, A', Cyclic recall, B', Codetta.
Shostakovich First	III	Quasi fantasia, connecting movements II and IV.
Shostakovich First	IV	A, B, C, A, D, A, Cadenza, Coda. (a modified rondo)
Stravinsky Concerto	I	Related to sonata-allegro, but modified by the contrapuntal nature and unified mood.
Stravinsky Concerto	III	First and second sections; or possibly rondo-related, grouped as: A, B, A', C, A, Coda

CADENZAS AND USE

<u>Concerto</u>	<u>Mvmt.</u>	<u>Remarks</u>
Barber	I	Concludes the development.
Bartok Second	I	Occurs within the recapitulation, between the main and second themes.
Britten	I	Occurs within a freer, sectional design, before the final return of the main material.
Britten	IV	Concludes the development.
Copland	II	Contained within the development of a modified sonata-allegro design.
von Einem	I	Concludes the development.
Ginastera	I	Opens the first movement, preceding variations; includes orchestral accompaniment.
Helm	II	Occurs as the second part of a monothematic, three-part slow middle movement; cyclic returns from I are included in cadenza.
Helm	III	Concludes the development.
Kabalevsky	I	Concludes the development.
Khachaturian	I	Follows the recapitulation.
La Montaine	I	Follows the recapitulation.
La Montaine	III	Connects the Intro. to the first main section; labeled "Quasi-cadenza".
Martinu	III	Occurs between the fourth and fifth sections of a five-part rondo design.
Menotti	I	Follows the recapitulation.
Prokofiev First		Occurs between the subordinate and closing themes in the recapitulation, within a one-movement plan.
Prokofiev Second	I	Occurs as the return of section A of a ternary design.

(Continued)

Prokofiev Second	IV	Follows second section and proceeds into third section of a freer, sectional design.
Ravel	I	In the recapitulation occurs as the embellished return of the third theme.
Rawsthorne	IV	Precedes the coda, after an A B C A form.
Schoenberg	III	Occurs as the second of four sections in the slow movement.
Shostakovich First	IV	Precedes the coda, following a freer, modified rondo form.
Shostakovich Second	I	Concludes the development.
Stravinsky <u>Capriccio</u>	II	Occurs as the concluding element of the Andante movement, following an A B A form.
Stravinsky Concerto	I	Precedes the coda, following a large, three-section design.
Stravinsky Concerto	II	There are two cadenzas, which are interruptions between the sections of the A B A design.

CYCLICISM

<u>Concerto</u>	<u>Remarks</u>
Bartok Second	Use of motives from I in III.
Britten	Waltz from II used in III; Chordal motive of I used in II and IV; Main theme from I used in IV.
Copland	Recall from I in II.
Gershwin	Themes from I and II appear in III.
Haieff	Motive from I in III.
Helm	Themes from I in II; First theme from I in III.
Kabalevsky	Return of subordinate theme of I in III.
Khachaturian	Return of material from I in III.
La Montaine	Material of final movement derived from opening of first movement.
Malipiero	The cadenza of the third movement contains a return of ideas from I and II.
Martinů	Return of main theme of I in III.
McPhee	Return of material from II in III.
Prokofiev Fifth	Themes from I in III; Theme from III in V.
Schoenberg	Themes from I and III return in IV.
Stravinsky Concerto	Theme of opening Largo returns in III.

CONCERTOS WITH OTHER THAN THREE MOVEMENTS

<u>Concerto</u>	<u>Remarks</u>
Britten	I Toccata, II Waltz, III Impromptu, IV March.
Copland	Shorter first movement prepares for longer, main second movement.
Ginastera	I Cadenza e variante, II Scherzo allucinante, III Adagissimo, IV Toccata concertata.
Hanson	I Allegro deciso, II Scherzo, III Andante molto espressivo, IV Finale.
Pijper	One movement, with seven sections. Sections two, four, and part of six are for piano only.
Prokofiev First	One movement, combining elements of sonata-allegro form and four-movement plan.
Prokofiev Second	I Andantino, II Scherzo, III Intermezzo, IV Allegro tempestoso.
Prokofiev Fifth	I Allegro, II Moderato, III Allegro, IV Larghetto, V Vivo.
Rawsthorne	I Allegro piacevole, II Allegro molto, III Adagio, IV Allegro.
Schoenberg	Scored as one movement, but divided into Andante, Molto allegro, Adagio, Giocoso.
Shostakovich First	Four movements, with III being a short fantasia between II and IV.