

Variations on Two Twelve-Tone Rows

First Movement

1

♩ = 120

Jerry Gerber

1 5

Piccolo

Flutes 1, 2, 3

Oboes 1, 2, 3

English Horn

Clarinets 1, 2, 3

Bass Clarinet

Bassoon 1, 2, 3

Horns 1, 2

Horns 3, 4

Trumpet 1

Trumpet 2

Trumpet 3

Trombone 1

Trombone 2

Trombone 3

Tuba

Timpani

Percussion

Roland XV-3080

Roland JV-1080

Roland XP-30

FM7

Tera

Solo Violin

Violin I

Violin II

Viola

Solo Cello

Violoncello

Contrabass

10

This page of a musical score, numbered 10, contains the following instruments and parts:

- Picc.**: Piccolo
- Fl.**: Flute
- Ob.**: Oboe
- Eng. Hn.**: English Horn
- Cl.**: Clarinet
- B. Cl.**: Bass Clarinet
- Bsn.**: Bassoon
- Hn 1, 2** and **Hn 3, 4**: Horns
- Tpt 1, 2, 3**: Trumpets
- Tbn. 1, 2, 3**: Trombones
- Tba.**: Tuba
- Timp.**: Timpani
- Perc.**: Percussion
- XV3080**: Piano
- JV1080**: Piano
- XP30**: Piano
- FM7**: Piano
- Tera**: Piano
- Solo Vln.**: Solo Violin
- Vln 1, 2**: Violins
- Vla.**: Viola
- Solo Vc.**: Solo Violoncello
- Vc.**: Violoncello
- Cb.**: Contrabass

15 20

Picc.
Fl.
Ob.
Eng. Hn
Cl.
B. Cl.
Bsn
Hn 1, 2
Hn 3, 4
Tpt 1
Tpt 2
Tpt 3
Tbn. 1
Tbn. 2
Tbn. 3
Tba
Timp.
Perc.
XV3080
JV1080
XP30
FM7
Tera
Solo Vln.
Vln 1
Vln 2
Via
Solo Vc.
Vc.
Cb.

25

Picc.

Fl.

Ob.

Eng. Hn

Cl.

B. Cl.

Bsn

Hn 1, 2

Hn 3, 4

Tpt 1

Tpt 2

Tpt 3

Tbn. 1

Tbn. 2

Tbn. 3

Tba

Temp.

Perc.

XV3080

JV1080

XP30

FM7

Tera

Solo Vln.

Vln 1

Vln 2

Vla

Solo Vc.

Vc.

Cb.

30 $\text{♩} = 80 \quad \text{♩} = 70$

Picc.
Fl.
Ob.
Eng. Hn.
Cl.
B. Cl.
Bsn.
Hn 1, 2
Hn 3, 4
Tpt 1
Tpt 2
Tpt 3
Tbn. 1
Tbn. 2
Tbn. 3
Tba.
Timp.
Perc.
XV3080
JV1080
XP30
FM7
Tera
Solo Vln.
Vln 1
Vln 2
Via.
Solo Vc.
Vc.
Cb.

♩ = 120 rit. ♩ = 60

35

40

Picc.

Fl.

Ob.

Eng. Hn

Cl.

B. Cl.

Bsn

Hn 1, 2

Hn 3, 4

Tpt 1

Tpt 2

Tpt 3

Tbn. 1

Tbn. 2

Tbn. 3

Tba

Temp.

Perc.

XV3080

JV1080

XP30

FM7

Tera

Solo Vln.

Vln 1

Vln 2

Vla

Solo Vc.

Vc.

Cb.

♩ = 120 45 ♩ = 110 ♩ = 100 ♩ = 120 50

Picc.
Fl.
Ob.
Eng. Hn.
Cl.
B. Cl.
Bsn.
Hn 1, 2
Hn 3, 4
Tpt 1
Tpt 2
Tpt 3
Tbn. 1
Tbn. 2
Tbn. 3
Tba
Timp.
Perc.
XV3080
JV1080
XP30
FM7
Tera
Solo Vln.
Vln 1
Vln 2
Via
Solo Vc.
Vc.
Cb.

55 60

Picc.
Fl.
Ob.
Eng. Hn.
Cl.
B. Cl.
Bsn.
Hn 1, 2
Hn 3, 4
Tpt 1
Tpt 2
Tpt 3
Tbn. 1
Tbn. 2
Tbn. 3
Tba.
Timp.
Perc.
XV3080
JV1080
XP30
FM7
Tera
Solo Vln.
Vln 1
Vln 2
Via
Solo Vc.
Vc.
Cb.

Detailed description: This is a page of a musical score, page 8, containing measures 55 to 60. The score is for a large orchestra and string ensemble. The instruments listed on the left are Piccolo, Flute, Oboe, English Horn, Clarinet, Bass Clarinet, Bassoon, Horns 1 & 2, Horns 3 & 4, Trumpets 1, 2, and 3, Trombones 1, 2, and 3, Tuba, Timpani, Percussion, Xylophone (XV3080), Vibraphone (JV1080), Maracas (XP30), Fagot (FM7), Tera (likely a string instrument), Solo Violin, Violins 1 and 2, Viola, Solo Violoncello, Violoncello, and Contrabass. The score is written in a key signature of three flats (B-flat, E-flat, A-flat) and a common time signature (C). Measures 55 and 60 are marked with their respective measure numbers. The woodwinds and strings have various melodic and harmonic parts, while the percussion and xylophone/vibraphone parts are more rhythmic. The strings play a sustained harmonic accompaniment.

This page of a musical score, numbered 9, features a rehearsal mark [65] at the top. The score is arranged in a standard orchestral layout with the following parts from top to bottom:

- Picc.
- Fl.
- Ob.
- Eng. Hn.
- Cl.
- B. Cl.
- Bsn.
- Hn 1, 2
- Hn 3, 4
- Tpt 1
- Tpt 2
- Tpt 3
- Tbn. 1
- Tbn. 2
- Tbn. 3
- Tba.
- Timp.
- Perc.
- XV3080
- JV1080
- XP30
- FM7
- Tera
- Solo Vln.
- Vln 1
- Vln 2
- Vla
- Solo Vc.
- Vc.
- Cb.

The score includes various musical notations such as rests, notes, and triplets. The key signature is one sharp (F#), and the time signature is 4/4. The bottom of the page shows the beginning of a new section starting at rehearsal mark [65].

rit.

♩ = 80

♩ = 120

Picc.

Fl.

Ob.

Eng. Hn

Cl.

B. Cl.

Bsn

Hn 1, 2

Hn 3, 4

Tpt 1

Tpt 2

Tpt 3

Tbn. 1

Tbn. 2

Tbn. 3

Tba

Timp.

Perc.

XV3080

JV1080

XP30

FM7

Tera

Solo Vln.

Vln 1

Vln 2

Vla

Solo Vc.

Vc.

Cb.

75 80

Picc.
Fl.
Ob.
Eng. Hn
Cl.
B. Cl.
Bsn
Hn 1, 2
Hn 3, 4
Tpt 1
Tpt 2
Tpt 3
Tbn. 1
Tbn. 2
Tbn. 3
Tba
Timp.
Perc.
XV3080
JV1080
XP30
FM7
Tera
Solo Vln.
Vln 1
Vln 2
Via
Solo Vc.
Vc.
Cb.

This page of a musical score, numbered 85, features a variety of instruments. The Piccolo, Flute, English Horn, Bassoon, and Solo Violin parts are mostly silent, indicated by a horizontal line. The Oboe, Clarinet, Bass Clarinet, and Solo Violoncello parts play a rhythmic pattern of eighth notes. The Bassoon part has a few notes. The Horns, Trumpets, Trombones, Tuba, Timpani, Percussion, Xylophone, and Vibraphone parts are silent. The Maracas part has a few notes. The Violin 1, Violin 2, and Viola parts have a few notes. The Violoncello and Contrabass parts have a few notes.

This page of a musical score, numbered 90, features a variety of instruments. The woodwind section includes Piccolo, Flute, Oboe, English Horn, Clarinet, Bass Clarinet, and Bassoon. The brass section consists of Horns 1 & 2, Horns 3 & 4, Trumpets 1, 2, and 3, Trombones 1, 2, and 3, and Tuba. The percussion section includes Timpani and Percussion. The keyboard section includes XV3080, JV1080, and XP30. The string section includes FM7, Tera, Solo Violin, Violin 1, Violin 2, Viola, Solo Violoncello, Violoncello, and Contrabass. The score shows complex rhythmic patterns and melodic lines for several instruments, particularly the Oboe, Clarinet, and Solo Violin.

95

100

This page contains a musical score for measures 95 through 100. The score is arranged in a standard orchestral format with the following parts from top to bottom:

- Picc.
- Fl.
- Ob.
- Eng. Hn.
- Cl.
- B. Cl.
- Bsn.
- Hn 1, 2
- Hn 3, 4
- Tpt 1
- Tpt 2
- Tpt 3
- Tbn. 1
- Tbn. 2
- Tbn. 3
- Tba.
- Timp.
- Perc.
- XV3080
- JV1080
- XP30
- FM7
- Tera
- Solo Vln.
- Vln 1
- Vln 2
- Vla.
- Solo Vc.
- Vc.
- Cb.

Key features of the score include:

- Measures 95-99 are marked with a first ending bracket.
- Measure 100 is marked with a second ending bracket.
- A rehearsal mark "magici! 2 extra horns appear!" is placed above the Horn 1 and 2 staves at the beginning of measure 100.
- The Flute and Violin parts feature complex rhythmic patterns in measure 100, including sixteenth-note runs.
- The Trombone and Tuba parts play a steady eighth-note accompaniment throughout the section.

♩ = 70 ♩ = 120 [105] ♩ = 70 ♩ = 120 ♩ = 70 ♩ = 120

Picc.

Fl.

Ob.

Eng. Hn

Cl.

B. Cl.

Bsn

Hn 1, 2

Hn 3, 4

Tpt 1

Tpt 2

Tpt 3

Tbn. 1

Tbn. 2

Tbn. 3

Tba

Timp.

Perc.

crash cymbal

XV3080

JV1080

XP30

FM7

Tera

Solo Vln.

Vln 1

Vln 2

Via

Solo Vc.

Vc.

Cb.

♩ = 70

♩ = 120 **faster.....** ♩ = 172

110 115

Picc.
Fl.
Ob.
Eng. Hn.
Cl.
B. Cl.
Bsn.
Hn 1, 2
Hn 3, 4
Tpt 1
Tpt 2
Tpt 3
Tbn. 1
Tbn. 2
Tbn. 3
Tba.
Timp.
Perc.
XV3080
JV1080
XP30
FM7
Tera
Solo Vln.
Vln 1
Vln 2
Via
Solo Vc.
Vc.
Cb.

120 125

Picc.

Fl.

Ob.

Eng. Hn

Cl.

B. Cl.

Bsn

Hn 1, 2

Hn 3, 4

Tpt 1

Tpt 2

Tpt 3

Tbn. 1

Tbn. 2

Tbn. 3

Tba

Timp.

Perc.

XV3080

JV1080

XP30

FM7

Tera

Solo Vln.

Vln 1

Vln 2

Vla

Solo Vc.

Vc.

Cb.

8va

130

Picc.

Fl.

Ob.

Eng. Hn.

Cl.

B. Cl.

Bsn.

Hn 1, 2

Hn 3, 4

Tpt 1

Tpt 2

Tpt 3

Tbn. 1

Tbn. 2

Tbn. 3

Tba.

Timp.

Perc.

XV3080

JV1080

XP30

FM7

Tera

Solo Vln.

Vln 1

Vln 2

Via

Solo Vc.

Vc.

Cb.

135 140

Picc.
Fl.
Ob.
Eng. Hn.
Cl.
B. Cl.
Bsn.
Hn 1, 2
Hn 3, 4
Tpt 1
Tpt 2
Tpt 3
Tbn. 1
Tbn. 2
Tbn. 3
Tba.
Timp.
Perc.
XV3080
JV1080
XP30
FM7
Tera
Solo Vln.
Vln 1
Vln 2
Via
Solo Vc.
Vc.
Cb.

Detailed description: This is a page of a musical score, page 19, covering measures 135 to 140. The score is for a large orchestra and string ensemble. The woodwind section includes Piccolo, Flute, Oboe, English Horn, Clarinet, Bass Clarinet, Bassoon, Horns 1 & 2, Horns 3 & 4, Trumpets 1, 2, and 3, Trombones 1, 2, and 3, and Tuba. The percussion section includes Timpani and Percussion. The keyboard section includes two grand pianos (XV3080 and JV1080), a harpsichord (XP30), and a harpsichord (FM7). The string section includes a solo violin, two violins (Vln 1 and Vln 2), viola, solo violoncello, violoncello, and double bass. The score shows various musical notations, including rests, notes, and complex rhythmic patterns. Measures 135 and 136 are mostly rests for most instruments. Measures 137-140 feature dense textures with many instruments playing chords and rhythmic patterns. There are dynamic markings like *ff* and *f*. The key signature has one flat (B-flat), and the time signature is 4/4. Measure numbers 135 and 140 are indicated in boxes at the top of the first and sixth staves respectively.

♩ = 120

145

150

This page of a musical score is for a large orchestra. It features 28 staves, each labeled with an instrument or section. The instruments listed are: Picc., Fl., Ob., Eng. Hn., Cl., B. Cl., Bsn., Hn 1, 2, Hn 3, 4, Tpt 1, Tpt 2, Tpt 3, Tbn. 1, Tbn. 2, Tbn. 3, Tba., Timp., Perc., XV3080, JV1080, XP30, FM7, Tera, Solo Vln., Vln 1, Vln 2, Via, Solo Vc., Vc., and Cb. The score includes various musical notations such as notes, rests, and dynamic markings. A tempo marking of ♩ = 120 is at the top. Measure numbers 145 and 150 are indicated. The score is written in a key signature of one flat (B-flat major or D minor) and a 4/4 time signature. The woodwinds and strings play complex rhythmic patterns, while the brass and percussion provide harmonic support. The strings are divided into sections: Solo Violin, Violin 1, Violin 2, Viola, Solo Violoncello, Violoncello, and Contrabass.

155 160

Picc.
Fl.
Ob.
Eng. Hn.
Cl.
B. Cl.
Bsn.
Hn 1, 2
Hn 3, 4
Tpt 1
Tpt 2
Tpt 3
Tbn. 1
Tbn. 2
Tbn. 3
Tba.
Timp.
Perc.
XV3080
JV1080
XP30
FM7
Tera
Solo Vln.
Vln 1
Vln 2
Via.
Solo Vc.
Vc.
Cb.

This page of a musical score covers measures 165 to 170. The instruments listed on the left are Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), English Horn (Eng. Hn.), Clarinet (Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), Horns 1 & 2 (Hn 1, 2), Horns 3 & 4 (Hn 3, 4), Trumpets 1, 2, and 3 (Tpt 1, 2, 3), Trombones 1, 2, and 3 (Tbn. 1, 2, 3), Tuba (Tba), Timpani (Timp.), Percussion (Perc.), Xylophone (XV3080), Vibraphone (JV1080), Maracas (XP30), and Piano (FM7). The strings are Solo Violin (Solo Vln.), Violin 1 (Vln 1), Violin 2 (Vln 2), Viola (Via), Solo Violoncello (Solo Vc.), Violoncello (Vc.), and Contrabass (Cb.).

Measures 165 and 166 feature woodwinds and strings. The Piccolo and Flute parts have triplets and slurs. The Bassoon and Bass Clarinet parts have triplets. The Horns 1, 2, 3, and 4 have slurs. The Trombone 1 part has a dynamic marking of sfz . The Percussion part has a dynamic marking of sfz . The Xylophone and Vibraphone parts have slurs. The Maracas part has a dynamic marking of sfz . The Piano part has a dynamic marking of sfz . The Solo Violin part has a dynamic marking of sfz . The Violin 1 and 2 parts have slurs. The Viola part has a dynamic marking of sfz . The Solo Violoncello part has a dynamic marking of sfz . The Violoncello and Contrabass parts have triplets.

Measures 167, 168, 169, and 170 feature woodwinds and strings. The Piccolo part has a dynamic marking of sfz . The Flute part has a dynamic marking of sfz . The Oboe part has a dynamic marking of sfz . The English Horn part has a dynamic marking of sfz . The Clarinet part has a dynamic marking of sfz . The Bass Clarinet part has a dynamic marking of sfz . The Bassoon part has a dynamic marking of sfz . The Horns 1, 2, 3, and 4 parts have slurs. The Trombone 1 part has a dynamic marking of sfz . The Trombone 2 part has a dynamic marking of sfz . The Trombone 3 part has a dynamic marking of sfz . The Tuba part has a dynamic marking of sfz . The Timpani part has a dynamic marking of sfz . The Percussion part has a dynamic marking of sfz . The Xylophone part has a dynamic marking of sfz . The Vibraphone part has a dynamic marking of sfz . The Maracas part has a dynamic marking of sfz . The Piano part has a dynamic marking of sfz . The Solo Violin part has a dynamic marking of sfz . The Violin 1 and 2 parts have slurs. The Viola part has a dynamic marking of sfz . The Solo Violoncello part has a dynamic marking of sfz . The Violoncello and Contrabass parts have triplets.

This page of a musical score, numbered 23, contains the following instruments and parts:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), English Horn (Eng. Hn.), Clarinet (Cl.), Bass Clarinet (B. Cl.), and Bassoon (Bsn.).
- Brass:** Horns 1 & 2 (Hn 1, 2), Horns 3 & 4 (Hn 3, 4), Trumpets 1, 2, and 3 (Tpt 1, 2, 3), Trombones 1, 2, and 3 (Tbn. 1, 2, 3), and Tuba (Tba).
- Drums and Percussion:** Timpani (Timp.) and Percussion (Perc.).
- Keyboard Instruments:** XV3080, JV1080, XP30, and FM7.
- String Instruments:** Tera, Solo Violin (Solo Vln.), Violin 1 (Vln 1), Violin 2 (Vln 2), Viola (Via), Solo Violoncello (Solo Vc.), Violoncello (Vc.), and Contrabass (Cb.).

The score features complex rhythmic patterns, including triplets and sixteenth-note runs in the woodwinds and strings. A dynamic marking of **pp** (pianissimo) is present at the top, with a measure number **175** in a box. The bottom right of the page shows a short melodic phrase in the XP30 part.

180

This page of a musical score, numbered 180, features a variety of instruments. The woodwind section includes Piccolo, Flute, Oboe, English Horn, Clarinet, Bass Clarinet, and Bassoon. The brass section consists of Horns (1, 2, 3, 4), three Trumpets, three Trombones, and Tuba. The percussion section includes Timpani and Percussion. The keyboard section features two grand pianos (XV3080 and JV1080) and a harpsichord (XP30). The string section includes Solo Violin, Violin 1 and 2, Viola, Solo Violoncello, and Double Bass. The score shows a complex arrangement with many instruments playing sustained notes or chords, while others have more active parts. The bassoon and solo violin parts are particularly prominent in the later measures of the page.

This page of a musical score, numbered 185, features a variety of instruments. The woodwind section includes Piccolo, Flute, Oboe, English Horn, Clarinet, Bass Clarinet, and Bassoon. The brass section consists of Horns 1 & 2, Horns 3 & 4, three Trumpets, three Trombones, and a Tuba. The percussion section includes Timpani and Percussion. The keyboard section features two grand pianos (XV3080 and JV1080), a grand piano (XP30), a harp (FM7), and a harp (Tera). The string section includes Solo Violin, Violin 1, Violin 2, Viola, Solo Violoncello, Violoncello, and Contrabass. The score shows complex rhythmic patterns and melodic lines for many instruments, with some parts featuring slurs and ties.