

Root Cycle

(2008)

**For
Chamber Ensemble**

Steven M. Weimer

Performance Notes

Instrumentation:

Flute
Oboe
Clarinet in B-flat
Bassoon
Horn in F
Percussion I
 Vibraphone, Bass Drum, Suspended Cymbal
Percussion II
 Marimba, Snare Drum, Tam-Tam (Large)
Piano
Violin I
Violin II
Viola
Violoncello

The score is transposed.

Duration: ca. 10'30"

A line between two pitches indicates a steady glissando between the given notes.

Each percussion instrument is specific to the performer except the Suspended Cymbal, which must be played by both performers (at different times) in the piece.

The work demands a strong cellist. The sections featuring the cello as solo instrument may have great rubato and be taken out of time at the discretion of the conductor. It is critical that the cellist projects through the ensemble at m. 202. Accompanying figures can be taken down a bit dynamically, if necessary.

Measure 195 has the word "soar" marked in the violin part. This note (E-natural) should be the lead note in the chord and sing as clearly as possible immediately after the suspended cymbal roll ends (on the previous beat). It is preferable that the attack of the E-natural be slightly soft, essentially emerging out of the ring of the suspended cymbal.

Root Cycle

STEVEN M. WEIMER

Lento $\text{♩} = 52$

Flute

Oboe

Clarinet in B \flat

Bassoon

Horn in F

Percussion 1
(Vibraphone -- Medium Hard Mallets -- Motor Off)

Percussion 2
(Marimba -- Medium Hard Mallets)

Piano

Violin I

Violin II

Viola

Cello

no vib.

p

f

mf

pp

mp

f

mf

mp

ff

sfz

p

mp

p

pp

mf

molto vib.
(sul C)

no vib.

molto vib.

no vib.

11 A Slightly Faster $\text{♩} = 60$

Fl.

Ob.

B♭ Cl.

Bsn.

Hn.

Perc. 1
(Vibraphone)

Perc. 2

Pno.

Vln. I

Vln. II

Vla.

Vc.

pp *ppp* *pp* *mp*

p *mf* *f* *mf*

p *mp* *pp*

p *mp* *pp*

p *mp* *pp*

p *mp* *pp*

vib. ord.

22

Fl. *pp*

Ob.

B♭ Cl. *pp*

Bsn. *pp*

Hn. *pp* *mp* *mf*

Perc. 1 (Vibraphone) *mf*

Perc. 2 (Marimba) *mf* *f* *ff* *mp*

Pno. *mp* *loco* *loco*

Vln. I *ppp* *mf* *mp* *pp* *mf*

Vln. II *ppp* *mf* *mp* *pp* (Open Strings) *pizz.* *mp*

Vla. *ppp* *mf* *mp* *pp*

Vc. *ppp* *mf* *mp* *pp*

32 B Tempo 1 ♩ = 52

Fl. *fp* *fp* *fp* *ff*

Ob. *fp* *fp* *fp* *ff*

B♭ Cl. *fp* *fp* *ff*

Bsn. *fp* *f*

Hrn. *mf* *ff*

Perc. 1 (To Bass Drum) *ff*

Perc. 2 (To Snare Drum) *mf* *f* *ff* *p* *mp* *mf* *f* *ff*

Pno. *mf* *ff*

Vln. I *f* *mp* *f* *mp* *f* *mp* *f*

Vln. II *f*

Vla. *p* *f*

Vc. *mf* *p* *mf* *f* *mp*

arco (sul C) (sul C)

Accel. molto

40

Fl.

Ob.

B♭ Cl.

Bsn.

Hn.

Perc. 1

Perc. 2

Pno.

Vln. I

Vln. II

Vla.

Vc.

mf *f* *ff*

mf *f* *ff*

mf *f* *ff*

mf *f* *ff*

(Snare Drum)
p

mp *mf* *f* *arco*

mp *mf* *f* *arco*

p *f*

mf *mp* *pp* *mf* *f*

Accel. molto

Fast ♩ = 144

48

Fl. *ff* *fp* *ff*

Ob. *ff* *fp* *ff*

B♭ Cl. *ff* *fp* *ff*

Bsn. *ff* *fp* *ff*

Hn. *ff* *fp* *ff*

Perc. 1 (Bass Drum) *f* *p* *ff* (To Sus. Cymbal)

Perc. 2 *ff* (To Marimba)

Pno. *f*

Vln. I *ff* *fp* *ff*

Vln. II *ff* *fp* *ff*

Vla. *ff* *fp* *ff*

Vc. *ff* *fp* *ff*

Detailed description: This page of a musical score covers measures 48 to 52. It features a woodwind section with Flute (Fl.), Oboe (Ob.), Bass Clarinet (B♭ Cl.), and Bassoon (Bsn.), a Horn (Hn.), Percussion 1 (Perc. 1) with Bass Drum and Suspended Cymbal, Percussion 2 (Perc. 2) with Marimba, Piano (Pno.), and a string section with Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), and Violoncello (Vc.). The tempo is marked 'Fast' with a quarter note equal to 144 beats per minute. The key signature has one sharp (F#) and the time signature is 4/4. The score shows a dynamic shift from fortissimo (ff) to fortissimo-piano (fp) and back to fortissimo (ff) across the measures. The woodwinds and strings play a rhythmic pattern of eighth notes, while the percussion instruments provide a steady accompaniment.

54 C

Fl. *mf* *f* *mf* *f* *mf*

Ob. *f*

B♭ Cl. *mf* *f* *mf*

Bsn. *f*

Hn. *f*

Perc. 1 (Choke) (To Vibraphone)

Perc. 2 (Marimba) *f*

Pno.

Vln. I *ff* *mf* *f* *ff* *mf*

Vln. II *mf*

Vla. *mf*

Vc. *mf*

Detailed description: This page of a musical score covers measures 54 to 60. It features a woodwind section with Flute (Fl.), Oboe (Ob.), B♭ Clarinet (B♭ Cl.), Bassoon (Bsn.), and Horn (Hn.). The percussion section includes Percussion 1 (Perc. 1) with a 'Choke' effect on the Vibraphone and Percussion 2 (Perc. 2) playing the Marimba. The piano (Pno.) part is present but contains no notation. The string section (Vln. I, Vln. II, Vla., Vc.) is also present. The score is in 4/4 time and includes various dynamics such as *mf* (mezzo-forte), *f* (forte), and *ff* (fortissimo). A rehearsal mark 'C' is placed above measure 54. The woodwinds and strings play melodic lines with dynamic markings, while the percussion provides a rhythmic accompaniment.

This page of a musical score, numbered 8, contains measures 63 through 70. The score is arranged in a standard orchestral format with the following parts:

- Flute (Fl.):** Measures 63-65 feature a melodic line with slurs and ties. Measures 66-70 are mostly rests.
- Oboe (Ob.):** Measures 63-65 feature a melodic line with slurs and ties. Measures 66-70 are mostly rests.
- Bass Clarinet (B♭ Cl.):** Measures 63-65 feature a melodic line with slurs and ties. Measures 66-70 are mostly rests.
- Bassoon (Bsn.):** Measures 63-65 feature a melodic line with slurs and ties. Measures 66-70 are mostly rests.
- Horn (Hn.):** Measures 63-65 feature a melodic line with slurs and ties. Measures 66-70 are mostly rests.
- Percussion 1 (Perc. 1):** Measures 63-70 are mostly rests.
- Percussion 2 (Perc. 2):** Measures 63-65 feature a rhythmic pattern of eighth notes. Measures 66-70 are mostly rests. A dynamic marking of *f* is present at the end of measure 65.
- Piano (Pno.):** Measures 63-65 are mostly rests. Measures 66-70 feature a complex rhythmic pattern with slurs and ties. A *Ped.* (pedal) marking is present at the start of measure 66.
- Violin I (Vln. I):** Measures 63-65 feature a melodic line with slurs and ties. Measures 66-70 feature a melodic line with slurs and ties.
- Violin II (Vln. II):** Measures 63-65 feature a melodic line with slurs and ties. Measures 66-70 feature a melodic line with slurs and ties.
- Viola (Vla.):** Measures 63-65 feature a melodic line with slurs and ties. Measures 66-70 feature a melodic line with slurs and ties.
- Cello (Vc.):** Measures 63-65 feature a melodic line with slurs and ties. Measures 66-70 feature a melodic line with slurs and ties.

Musical score for measures 71-80. The score includes parts for Flute (Fl.), Oboe (Ob.), B♭ Clarinet (B♭ Cl.), Bassoon (Bsn.), Horn (Hn.), Percussion 1 (Perc. 1), Percussion 2 (Perc. 2), Piano (Pno.), Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), and Violoncello (Vc.).

Measures 71-80 are marked with a '71' at the beginning of the Flute staff.

Piano (Pno.): Measures 71-80 are marked with a *Separated* instruction. The piano part features a continuous sixteenth-note arpeggiated figure in the right hand. Dynamics range from *p* to *mf*.

Flute (Fl.), Oboe (Ob.), B♭ Clarinet (B♭ Cl.): These parts have rests until measure 75. In measure 75, they play a single note marked *p*. In measure 76, they play a quarter note marked *f*. In measure 77, they play a quarter note marked *mf* with an accent (>).

Violin I (Vln. I): Measures 71-74 have rests. In measure 75, a half note marked *p* is followed by a pizzicato quarter note marked *mf*. In measure 76, a half note marked *mf* is followed by a pizzicato quarter note marked *f*. In measure 77, a half note marked *f* is followed by an arco half note marked *f*. In measure 78, a half note marked *f* is followed by a *mf* dynamic. In measure 79, a half note marked *f* is followed by an arco half note marked *f*. In measure 80, a half note marked *f* is followed by a *mf* dynamic.

Violin II (Vln. II): Measures 71-74 have rests. In measure 75, a half note marked *p* is followed by a pizzicato quarter note marked *mf*. In measure 76, a half note marked *f* is followed by a pizzicato quarter note marked *mf*. In measure 77, a half note marked *f* is followed by a pizzicato quarter note marked *f*. In measure 78, a half note marked *f* is followed by a pizzicato quarter note marked *f*. In measure 79, a half note marked *f* is followed by a pizzicato quarter note marked *f*. In measure 80, a half note marked *f* is followed by a pizzicato quarter note marked *f*.

Viola (Vla.): Measures 71-74 have rests. In measure 75, a half note marked *p* is followed by a pizzicato quarter note marked *p*. In measure 76, a half note marked *f* is followed by a pizzicato quarter note marked *f*. In measure 77, a half note marked *f* is followed by an arco half note marked *p*. In measure 78, a half note marked *f* is followed by a pizzicato quarter note marked *f*. In measure 79, a half note marked *f* is followed by a pizzicato quarter note marked *f*. In measure 80, a half note marked *f* is followed by a pizzicato quarter note marked *f*.

Violoncello (Vc.): Measures 71-74 have rests. In measure 75, a half note marked *p* is followed by a pizzicato half note marked *p*. In measure 76, a half note marked *f* is followed by a pizzicato half note marked *f*. In measure 77, a half note marked *f* is followed by an arco half note marked *p*. In measure 78, a half note marked *f* is followed by a pizzicato half note marked *f*. In measure 79, a half note marked *f* is followed by a pizzicato half note marked *f*. In measure 80, a half note marked *f* is followed by a pizzicato half note marked *f*.

81

Fl.

Ob.

B♭ Cl.

Bsn.

Hn.

Perc. 1

Perc. 2

Pno.

Vln. I

Vln. II

Vla.

Vc.

mp *f* *p* *f* *mf* *f*

mp *f* *p* *f* *mf* *f*

mp *f* *p* *f* *mf* *f*

mp *f* *p* *f* *mf* *f*

mp *f* *p* *f* *mf* *f*

mp *f* *p* *f* *mf* *f*

pp *f*

(Vibraphone)

mf *f*

(To Hard Mallets)

f *mp*

fff *f* *ff* *f* *ff* *mf*

f *mp* *f* *mp* *f*

mp *f* *mp* *f* *mp* *f*

mp *f* *mp* *f* *mp* *f*

arco *V* *pizz.* *arco* *V* *pizz.*

arco *V* *pizz.* *arco* *V* *pizz.*

arco *V* *pizz.* *arco* *V* *pizz.*

88

Fl. *ff* *mf* *mp* *p*

Ob. *ff* *mf* *mp* *p*

B. Cl. *ff* *mf* *mp* *p*

Bsn. *ff* *mf* *mp* *p*

Hn. *ff* *mf* *mp* *p*

Perc. 1 *ff* *mf* *mp* *p*

Perc. 2

Pno. *f* *mf*

Vln. I *ff* *mf* *mp* *p*

Vln. II *f* *ff* *mf* *f* *f* *ff*

Vla. *f* *ff* *mf* *f* *f* *ff* *mf*

Vc. *f* *ff* *mf* *f* *f* *ff* *fff*

arco

96 D Slow $\text{♩} = 60$

Fl.

Ob.

B \flat Cl.

Bsn.

Hn.

Perc. 1

Perc. 2

Pno.

Vln. I

Vln. II

Vla.

Vc.

mf

mp

mf

mp

mf

mp

mf

f

pizz.

p

pizz.

p

pizz.

p

pizz.

p

mp

f

mf

f

mp

pp

p

103 Slightly Faster $\text{♩} = 76$

Fl.

mp f mf^3 mp

Ob.

B♭ Cl.

mf f mp

Bsn.

Hn.

Perc. 1

(Vibraphone)

mf f

Perc. 2

Pno.

mf

Vln. I

103 Slightly Faster $\text{♩} = 76$

mf pp mp

Vln. II

Vla.

Vc.

p pp

112 *Accel. molto* -----

E Very Fast ♩ = 172

Fl. *mp* *f* *ff* *f*

Ob. *mp* *f* *ff*

B♭ Cl. *mp* *ff* *f*

Bsn. *mp* *f* *ff*

Hn. *mp* *mf* *ff*

Perc. 1 *f* *f*

Perc. 2 (Hard Mallets) *p* *fff*

Pno. *f* *ff* *p* *f*

8^{va} ----- *loco*

Vln. I *mp* *mf* *ff*

Vln. II *mp* *ff*

Vla. *mp* *ff*

Vc. *mp* *ff*

E Very Fast ♩ = 172

120

Fl. *fp* *ff* *f*

Ob.

B♭ Cl. *fp* *ff* *f*

Bsn. *f*

Hn. *p* *ff*

Perc. 1

Perc. 2 *f*

Pno. *ff* *f* *sfz=mf*
#8[♭] (loco)

Vln. I *f* *mp* arco *V*

Vln. II *ppp* *f* *mp* arco *V*

Vla. *ppp* *f* *mp* arco *V*

Vc. *ppp* *f* *mp* arco *V*

Detailed description: This page of a musical score covers measures 120 to 127. The woodwind section includes Flute (Fl.), Oboe (Ob.), B♭ Clarinet (B♭ Cl.), Bassoon (Bsn.), and Horn (Hn.). Percussion (Perc.) is divided into two parts. The piano (Pno.) part features a complex rhythmic pattern in the left hand, with a trill in the right hand. The string section (Vln. I, Vln. II, Vla., Vc.) plays a melodic line, starting with a pizzicato (pizz.) section and transitioning to arco (arco) with a crescendo. Dynamics range from *ppp* to *ff*. A specific fingering or articulation mark is noted as #8[♭] (loco) in the piano part.

128

Fl. *f*

Ob. *f* *mf*

B \flat Cl. *f*

Bsn. *f* *mf*

Hn. *f*

Perc. 1 *f* (L.v.) (To Sus. Cymbal)

Perc. 2 *mp* *f*

Pno. *ff* *f* *ff* *f*

Vln. I *f* *mp* *f*

Vln. II *f* *mf* pizz.

Vla. *f* *mf* pizz.

Vc. *f* *mp* *f*

136

Fl.

mf *f* *fp* *ff*

Ob.

f *fp* *ff*

B♭ Cl.

mf *f* *fp* *ff*

Bsn.

f *mf* *ff*

Hn.

f *ff*

Perc. 1

(Sus. Cymbal) *p* *ff* (Choke) (To Vibraphone)

Perc. 2

f *ff*

Pno.

ff *f* *ff*

8^{vb}

Vln. I

fp *ff*

Vln. II

arco *fp* *ff*

Vla.

arco *mf* *ff*

Vc.

mf *ff*

F

F

144

Fl. *f* *mf* *ff* *f*

Ob. *f* *mf* *ff* *f*

B♭ Cl. *f* *mf* *ff* *f*

Bsn. *f* *mf* *ff* *f*

Hn.

Perc. 1

Perc. 2 *f*

Pno. *f*

Vln. I pizz. *f* *ff*

Vln. II pizz. *f* *ff*

Vla. *mp* *f* pizz. *ff*

Vc. *mp* *f* pizz. *ff*

152

Fl.

Ob.

B♭ Cl.

Bsn.

Hn.

Perc. 1

Perc. 2

Pno.

Vln. I

Vln. II

Vla.

Vc.

p

mp

f

mf

ff

mf

f

p

mp

f

mp

f

p

mp

f

(Vibraphone)

mp

arco

arco

arco

arco

161

Fl. *ff*

Ob. *ff*

B♭ Cl. *mf* *f*

Bsn. *f* *ff*

Hn. *ff* *fff*

Perc. 1 (To Bass Drum) *ff*

Perc. 2 *ff*

Pno.

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *ff*

Detailed description: This page of a musical score covers measures 161 to 165. The score is arranged in a standard orchestral format with multiple staves. The woodwind section includes Flute (Fl.), Oboe (Ob.), B♭ Clarinet (B♭ Cl.), Bassoon (Bsn.), and Horn (Hn.). The percussion section consists of two parts: Perc. 1, which is marked '(To Bass Drum)', and Perc. 2. The piano part (Pno.) is shown in grand staff notation. The string section includes Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), and Cello (Vc.). The score features various dynamic markings such as *mf*, *f*, *ff*, and *fff*. There are also articulation marks like accents and slurs, and some triplets indicated by a '3' over a group of notes. The key signature has one flat (B♭), and the time signature is 4/4. The page number '20' is located at the top left.

167 G

Fl.

Ob.

B♭ Cl. *ff*

Bsn. *ff*

Hn. *f*

Perc. 1 (Bass Drum) *mf* *ff*

Perc. 2 *ff* *f* (To Sus. Cymbal) (Quickly)

Pno. *ff* *ff* loco

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *ff*

Detailed description: This page of a musical score covers measures 167 to 174. It features a variety of instruments including woodwinds (Flute, Oboe, Clarinet, Bassoon, Horn), percussion (Bass Drum, Snare Drum, Cymbal), piano, and strings (Violins, Viola, Violoncello). The score is marked with dynamic levels such as *ff* (fortissimo) and *f* (forte). A rehearsal mark 'G' is placed above measure 167. The piano part includes a 'loco' section and a '6' fingering. Percussion parts include specific instructions like '(To Sus. Cymbal) (Quickly)'. The woodwinds and strings have various articulations and slurs. The time signature changes from 2/4 to 4/4 in measure 170.

176

Fl. *ff* *fff* *mp* (no cresc.) *mf* *p*

Ob. *fff* *mp* (no cresc.) *mf* *p*

B♭ Cl. *fff* *mp* (no cresc.) *mf* *p*

Bsn. *fff* *mp* (no cresc.) *mf* *p*

Hn. *ff* *f* *mp* (no cresc.) *mf* *p*

Perc. 1 (Bass Drum) *ff* (Sus. Cymbal) *f* *fff* (Choke) (To Vibraphone)

Perc. 2 *f* *fff* (Choke)

Pno. *fff* *fff*

Vln. I 176 *fff* *fff* *fff*

Vln. II *fff* *fff* *fff*

Vla. *fff* *fff* *fff*

Vc. *fff* *fff* *fff*

H Slow ♩ = 60

186

Fl. *mf* *p* *mp* *mf*

Ob. *mf* *p* *mp* *mf* *f*

B♭ Cl. *mf* *p* *mp* *mf*

Bsn. *mf* *p* *mp* *mf*

Hn.

Perc. 1 (Vibraphone) *mf* *f*

Perc. 2 (Ring) *p* *mf* *mp*

Pno. *f*

8th

Vln. I 186 *mp* *mf*

Vln. II *mp* *mf*

Vla. *mp* *mf*

Vc. *mp* *mf*

Detailed description: This page of a musical score covers measures 186 to 195. The score is for a symphony orchestra. The woodwind section includes Flute (Fl.), Oboe (Ob.), B♭ Clarinet (B♭ Cl.), Bassoon (Bsn.), and Horn (Hn.). The percussion section includes two parts: Perc. 1 (Vibraphone) and Perc. 2 (Ring). The piano (Pno.) part is also present. The string section includes Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), and Violoncello (Vc.). The score features various time signatures: 4/4, 2/4, 3/4, 3/8, and 4/8. Dynamics markings such as *mf* (mezzo-forte), *p* (piano), *mp* (mezzo-piano), and *f* (forte) are used throughout. The woodwinds and strings play melodic lines, while the percussion provides rhythmic accompaniment. The piano part has a prominent bass line. The score is marked with measure numbers 186 and 187 at the beginning of the respective systems.

195

Fl. *f* *mf* *mp* **I**

Ob. *mf* *mp*

B♭ Cl. *f* *mp*

Bsn. *f* *mp*

Hn. *f* *mp*

Perc. 1

Perc. 2 (Ring) *mf* (To Tam Tam)

Pno. *ff* *mp* *p* *p*
 Heavy, like clock tower bells
 (loco) *Soar!!!*
 Slight pedal ad lib.

Vln. I *ff* *mp* *p* *p* **I**

Vln. II (Sul A) *ff* (Sul G) *mp* *p* *p*

Vla. *f* *mp* *p*

Vc. (Sul C) *f* *mp* *p* Solo *mp* *mf*

204

Fl.

Ob.

B♭ Cl.

Bsn.

Hn.

Perc. 1

Perc. 2

Pno.

Vln. I

Vln. II

Vla.

Vc.

J

p

mp

(Tam Tam) *mf* (l.v.)

pp

mp Legato

mf Legato

mf Legato

mf Legato

(Sul C) *f* *mf* *f* *mf* *p*

J

Legato

mf Legato

mf Legato

mf Legato

f

213 *ppp* *p* *pp* *p* *pp* *p* *pp* *p* *ppp* *ppp*

Fl.

Ob.

B♭ Cl.

Bsn.

Hn.

Perc. 1

Perc. 2

Pno.

213 *mp* *mp* *mp* *ppp* *ppp* *ppp* *ppp*

Vln. I

Vln. II

Vla.

Vc.

(8^{va})

Slowing Slightly

Slowing Slightly