

Scivias

for

Violin, Viola, Violoncello, Percussion, Piano
and Interactive Electronics

by

Keith A. Hamel

Duration: 12 min.

Performance Rights: SOCAN

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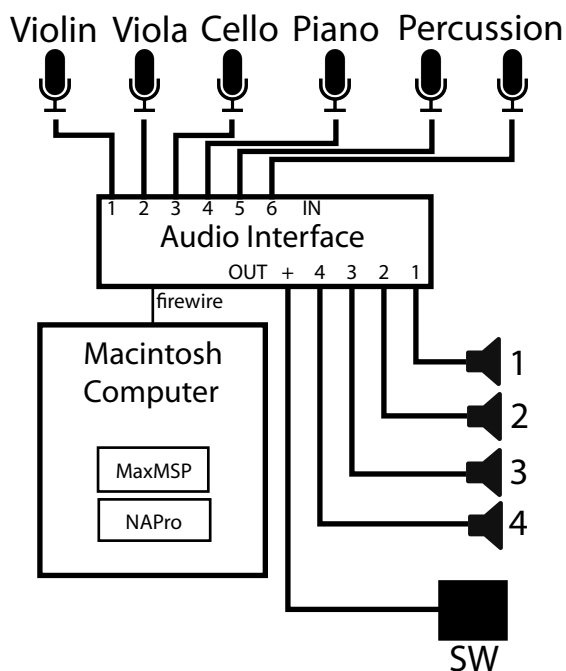


Interactive Performance Setup

This composition includes live interactive processing of all instruments using the MaxMSP software application running on a Macintosh computer. During performance, MaxMSP receives audio signals from the instruments and distributes electronically processed sounds to speakers placed in the hall. MaxMSP is controlled by a NoteAbilityPro score which can either be run on the same computer or on a second computer which is connected to the first computer through a network. All the software required for the performance and detailed instructions on the operation of the software can be obtained from the composer – Keith Hamel (hamel@interchange.ubc.ca).

The audio setup requires separate microphone inputs from violin, viola, cello, piano and percussion. At least 2 microphones should be used on the percussion instruments. The microphones inputs are connected to an audio interface that is connected to the computer running MaxMSP. There are 4 channels of audio output and one mixed channel that should be sent to a sub-woofer. A mixer should be used between the audio interface and the speakers to allow audio levels to be controlled during performance. However, the 4 output channels should remain discrete since the MaxMSP software controls all sound spatialization. The 4 output channels should be connected to powered speakers placed in the four corners of the hall:

1- Front-left 2 - Front-right 3 - Rear-left 4 - Rear-right.



Performance Notes

Strings

tr (•)
pp

tr (•) slow trill
mp

gliss.
mp

dampen strings with left hand 5
ppp

Split bridge
ppp

Trill between the stopped note and the natural harmonic located at the same finger position. This is done by changing the pressure of the finger on the string. The speed of the trill can change gradually over time.

Trill between the stopped note and the artificial harmonic a 4th higher (and sounding 2 octaves higher.) The speed of the trill can change gradually over time.

A natural harmonic gliss beginning and ending on the specified notes.

Dampen all the strings with the left hand and bow on the indicated strings. This should produce quiet noise and very little perceivable pitch.

Bow slowly directly on the bridge so that the bow hair is split between the sul pont and sub pont areas. The resulting sound should mostly be noise with some high frequency sounds occurring from time to time.

Piano

damp with side of hand inside piano
sfz
ad.

Place the side of the hand firmly across the strings of the piano close the hammers and play the specified pitches on the keyboard. The strings should be muted so that only a strong percussive sound and some high partials are heard. The dynamic indicates the strength of the keyboard strike rather than the resulting volume.

Percussion

- 1 Suspended Cymbal (large)
- 1 Sizzle Cymbal (medium)
- 2 Wood blocks (or temple blocks)
- 5 Tom-toms (largest should be at least 16" in diameter)
- 2 Tam-tams (small & medium)
- Crotales (1 octave)
- Vibraphone (motor is not used)

The percussion staff uses the following instrument configuration:

Susp Cymbal
 Sizzle Cymbal
 5 Tom-toms
 2 Wood blocks
 2 Tam-tams

♩ = 56

Violin

Viola

Cello

Percussion

Piano

Susp. Cymbal

2 Tam-tams

sul tasto

tr *

ord.

gliss.

IV

pp

pp

mp

pp

bowed

damp with side of hand inside piano

sfz

(until m. 16)

sfz

5

Vn

Vla

Vc

Per

Pno

sul tasto

pp

mp

p

gliss.

ord.

gliss.

gliss.

ord.

gliss.

mp

p

gliss.

mp

ppp

pp

scratch surface of tam-tam (metal)

pp

p

p

* trill between stopped note and natural harmonic at the same finger position.

sfz

2

10

Vn

Vla

Vc

Per

Pno

mf

p

Crotales ^{bowed}

15

pp

pp

mp

8

13

Vn

Vla

Vc

Per

Pno

A ♩ = 112

♩ = 56

p

p

p

15

Vibraphone

[motor off]

ff

mf < *ff*

ppp 7

ff

18

Vn *mp* *p* *pp*

Vla *mp* *p* *pp*

Vc *mp* *p* *pp*

Per *pp* *mp* *pp* *mp*

Pno *pp* *5*

Crotales bowed

damp with side of hand

sfz

23

Vn *mf* *pp* *ppp* *ppp*

Vla *mf* *pp* *ppp*

Vc *mf* *pp* *pp*

Per *ff* *p* *f*

Pno *ff*

mf = 112 *ppp* sul E *ppp* = 56

poco sul pont

2 Cymbals
2 Wood blocks
5 Tom-toms

tr **

** trill between stopped note and artificial harmonic a 4th higher.

4

27

Vn *mp* *pp* *p*

Vla *mp* *ppp* *pp* *p*

Vc *mp* *ppp* *p*

Per *pp* *mp*

Pno *ppp*

gliss. poco sul pont gliss.

Crotales bowed

31

Vn $\text{♩} = 112$

Vla

Vc *pp* sul pont

Per *ff*

Pno *fff*

2 Cymbals 2 Wood blocks

5 Tom-toms

35

Vn ord. sul D *ppp* *mp* *mp*
gliss. gliss. gliss.

Vla ord. senza vib. *p* molto espressivo *mp*

Vc ord. *tr* (♩) slow trill fast trill slow trill
mp *mf*

Per 2 Tam-tams *mp* *p* *ppp*

Pno *fff*

40

Vn *pp* *p*

Vla normal vib. *p*

Vc *pp* gliss. *p*

Per Sizzle Cymbal bowed *pp* *mp*

Pno *ppp* *ppp* *pp*

6
44

C

Vn *mp* *pp* *p*

Vla *mp* *pp* *p*

Vc *mp* *pp* *p*

Per

Pno *f*

50

Vn *mp* *f*

Vla *mp* *ff*

Vc *mp* *ff*

Per *mp* *f* *p* *mf* *ff*

Pno *f*

5 Tom-toms

Vibraphone

56

Vn

Vla

Vc

Per

Pno

62

Vn

Vla

Vc

Per

Pno

8
68

Musical score for measures 68-73. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- Vn: Starts with a half note G4, followed by a half note F4, then a half note E4. Dynamics: *mp* to *pp* (decrescendo), then *p*.
- Vla: Continuous sixteenth-note pattern. Dynamics: *pp*.
- Vc: Starts with a half note G2, followed by a half note F2, then a half note E2. Dynamics: *ff* to *pp*.
- Per: Continuous sixteenth-note pattern. Dynamics: *ff*.
- Pno: Continuous sixteenth-note pattern. Dynamics: *ff*.
- A fermata is placed over the final measure (73).

74

D

Musical score for measures 74-79. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- Vn: Starts with a half note G4, followed by a half note F4, then a half note E4. Dynamics: *p*.
- Vla: Continuous sixteenth-note pattern. Dynamics: *p*.
- Vc: Starts with a half note G2, followed by a half note F2, then a half note E2. Dynamics: *p*.
- Per: Starts with a half note G4, followed by a half note F4, then a half note E4. Dynamics: *f*.
- Pno: Continuous sixteenth-note pattern. Dynamics: *f*.
- A box labeled "2 Wood blocks" is positioned above the Percussion staff.
- A fermata is placed over the final measure (79).

80

Vn *gliss.* *mp* *p*

Vla *gliss.* *mp* *p*

Vc *gliss.* *mp* *p*

Per

Pno

86

Vn III *f*

Vla Pizz. *ff*

Vc Pizz. *ff*

Per *f* 2 Wood blocks

Pno *f*

10
92

Musical score for measures 92-97. The score includes parts for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violin part features a melodic line with accents and a fermata at the end. The Viola and Violoncello parts have a single note with a fermata, marked *ff*. The Percussion part has a rhythmic pattern with accents and a fermata, marked *f*. The Piano part has a rhythmic pattern with accents and a fermata, marked *f*. A box labeled "2 Wood blocks" is placed above the Percussion part. The dynamic *f* is also present above the Violoncello part.

98

Musical score for measures 98-103. The score includes parts for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violin part has a melodic line with a fermata, marked *mp*. The Viola part has a rhythmic pattern with accents and a fermata, marked *f*. The Violoncello part has a rhythmic pattern with accents and a fermata, marked *mf*. The Percussion part has a rhythmic pattern with accents and a fermata, marked *f*. The Piano part has a rhythmic pattern with accents and a fermata, marked *f*. The dynamic *f* is also present above the Percussion part.

E

104

Musical score for measures 104-110. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Vn staff features a glissando and a *mf* dynamic. The Vc staff includes *sf*, *ff*, and *mf* dynamics, with markings for Pizz. and Arco. The Per staff includes a box labeled "2 Wood blocks" and a *f* dynamic. The Pno staff includes *mp* and *f mp* dynamics. A double bar line is present at the end of measure 110.

110

Musical score for measures 110-116. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Vn staff features glissando markings. The Vc staff continues with a steady eighth-note pattern. The Per staff includes a *mf* dynamic. The Pno staff includes a *f mp* dynamic. A double bar line is present at the end of measure 116.

12
116

Musical score for measures 116-121. The score is for a string quartet (Vn, Vla, Vc) and piano (Pno). The Vn part features glissandi and a dynamic marking of *p*. The Vla part has a dynamic marking of *pp*. The Vc part has a dynamic marking of *f*. The Per part has a dynamic marking of *f*. The Pno part has dynamic markings of *f* and *mp*.

122

Musical score for measures 122-127. The score is for a string quartet (Vn, Vla, Vc) and piano (Pno). The Vn part features glissandi and dynamic markings of *p* and *mp*. The Vla part has a dynamic marking of *pp* and a glissando. The Vc part has a dynamic marking of *f*. The Per part has a dynamic marking of *f*. The Pno part has dynamic markings of *f* and *mp*.

128

F

Vn *gliss.*
f mp pp

Vla *Pizz. ff mp Arco*

Vc

Per *ff mf*

Pno *mp*
poco a poco cresc....

134

Vn *espressivo*
p mp pp

Vla *mp*

Vc *mp*

Per *f mf*

Pno

14
140

Musical score for measures 140-145. The score is for five instruments: Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- **Vn:** Treble clef. Starts with a triplet of eighth notes (mp), followed by a triplet of quarter notes (mf), and ends with a half note (pp).
- **Vla:** Alto clef. Sustained chords, starting with a half note (pp) and ending with a half note (mp).
- **Vc:** Bass clef. Sustained chords, starting with a half note (pp) and ending with a half note (mp).
- **Per:** Treble clef. Triplet of eighth notes (mf), followed by a triplet of quarter notes (f), and ends with a triplet of eighth notes (mf).
- **Pno:** Grand staff. Continuous eighth-note accompaniment in the right hand and sustained chords in the left hand.

146

Musical score for measures 146-151. The score is for five instruments: Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- **Vn:** Treble clef. Starts with a triplet of eighth notes (mp), followed by a triplet of quarter notes (mf), and ends with a half note (mf).
- **Vla:** Alto clef. Sustained chords, starting with a half note (pp) and ending with a half note (mp).
- **Vc:** Bass clef. Sustained chords, starting with a half note (pp) and ending with a half note (mp).
- **Per:** Treble clef. Triplet of eighth notes (mf), followed by a triplet of quarter notes (f), and ends with a triplet of eighth notes (mf).
- **Pno:** Grand staff. Continuous eighth-note accompaniment in the right hand and sustained chords in the left hand.

152

Vn *pp* *mp* *f*

Vla *pp* *mp*

Vc *pp* *mp*

Per *f* *mf*

Pno *f*

Detailed description: This system contains measures 152 through 157. The Violin (Vn) part features a melodic line with triplets and dynamic markings of *pp*, *mp*, and *f*. The Viola (Vla) part has a sustained melodic line with *pp* and *mp* dynamics. The Violoncello (Vc) part consists of sustained chords with *pp* and *mp* dynamics. The Percussion (Per) part has a rhythmic pattern of eighth notes with triplets, marked *f* and *mf*. The Piano (Pno) part features a dense texture of sixteenth-note chords in both hands, marked *f*.

158

Vn *pp* *mp* *f*

Vla *pp* *mp*

Vc *pp* *mp*

Per *f* *mf*

Pno *f*

Detailed description: This system contains measures 158 through 163. The Violin (Vn) part continues with a melodic line, marked *pp*, *mp*, and *f*. The Viola (Vla) part has a sustained melodic line with *pp* and *mp* dynamics. The Violoncello (Vc) part consists of sustained chords with *pp* and *mp* dynamics. The Percussion (Per) part has a rhythmic pattern of eighth notes with triplets, marked *f* and *mf*. The Piano (Pno) part features a dense texture of sixteenth-note chords in both hands, marked *f*.

16

164

Vn *pp* *mp* *f*
 Vla *pp* *mp* *mf*
 Vc *pp* *mp*
 Per *ff* *mf*
 Pno *ff*

169

G $\text{♩} = 72$
gliss.

Vn *ff*
 Vla *f*
 Vc *f*
 Per *ff* 5 Tom-toms
 Pno *fff*

173

Musical score for measures 173-176. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). Measures 173-175 are in 6/8 time, and measure 176 is in 7/8 time. Dynamics include *mf*, *mp*, and *ff*. Performance markings include *gliss.*, triplets, and accents.

177

Musical score for measures 177-180. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). Measures 177-180 are in 7/8 time. Dynamics include *sf*, *f*, *mp*, and *ff*. Performance markings include accents, triplets, and quintuplets.

18
180

Musical score for measures 180-182. The score is in 8/8 time and features five staves: Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- **Vn:** Starts with a *f* dynamic, then *mp*. Includes a *sul pont.* instruction.
- **Vla:** Starts with *f*, then *mf* with a sixteenth-note triplet, then *f*, and finally *mf*. Includes *sul pont.* and *gliss.* instructions.
- **Vc:** Starts with *mf*, then *f*, then *mf* with a sixteenth-note triplet, and finally *mf*. Includes *sul pont.* and *gliss.* instructions.
- **Per:** Features a *p* dynamic followed by a *mf* dynamic with a sixteenth-note triplet.
- **Pno:** Remains silent until measure 182, where it plays a *f* dynamic sixteenth-note triplet.

183

Musical score for measures 183-185. The score is in 8/8 time and features five staves: Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- **Vn:** Remains silent until measure 185, where it plays a *mp* dynamic note.
- **Vla:** Starts with a sixteenth-note triplet (*f*), then *mf* with a sixteenth-note triplet, then *f* with a sixteenth-note triplet, and finally *mf*. Includes a *gliss.* instruction.
- **Vc:** Starts with *f*, then *mf* with a sixteenth-note triplet, then *f* with a sixteenth-note triplet, and finally *mf*. Includes a *gliss.* instruction.
- **Per:** Features a *f* dynamic, then *mf* with a sixteenth-note triplet, then *ff* with a sixteenth-note triplet, and finally *mp* with a sixteenth-note triplet.
- **Pno:** Remains silent throughout the entire passage.

186

Vn *gliss.* *ord.* *ff*

Vla *gliss.* *mf* *ff* *ord.* *ff*

Vc *mf* *ff* *f* *ff* *gliss.* *Pizz.* *ff*

Per *mf* *ff*

Pno *ff* *f*



190

Vn

Vla

Vc *Arco ord.* *ff*

Per *Vibraphone* *ff*

Pno

20
196

Musical score for measures 196-201. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Percussion part is labeled "2 Wood blocks" and includes a dynamic marking of *ff*. The Piano part features a steady eighth-note accompaniment. The Violin, Viola, and Violoncello parts have complex rhythmic patterns with many slurs and accents.

202

Musical score for measures 202-207. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Percussion part has a dynamic marking of *ff*. The Piano part features a steady eighth-note accompaniment. The Violin, Viola, and Violoncello parts have complex rhythmic patterns with many slurs and accents.

208

Musical score for measures 208-213. The score is arranged in a system with five staves: Vn (Violin), Vla (Viola), Vc (Violoncello), Per (Percussion), and Pno (Piano). The Vn staff features a melodic line with a circled phrase in measure 210. The Vla and Vc staves play a rhythmic accompaniment. The Per staff has a sparse, rhythmic pattern. The Pno staff provides harmonic support with chords and single notes. A double bar line is present at the end of measure 213.

214

Musical score for measures 214-219. The score continues with the same five staves: Vn, Vla, Vc, Per, and Pno. The Vn staff has a melodic line with dynamic markings *mf* and *ff* in measures 215 and 216. The Vla and Vc staves also have dynamic markings *mf* and *ff* in measures 215 and 216. The Per staff continues with its rhythmic pattern. The Pno staff provides harmonic support. A double bar line is present at the end of measure 219.

22
220

I

Musical score for measures 220-225. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violin part features a melodic line with a dynamic of *mf*. The Viola and Violoncello parts consist of rhythmic patterns with dynamics ranging from *mf* to *ff*. The Percussion part includes a section labeled "Tom-toms" with a dynamic of *f*. The Piano part features a complex rhythmic accompaniment with dynamics from *mf* to *ff*. A glissando is marked in the Viola part.

226

Musical score for measures 226-231. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violin part has a melodic line with dynamics *mp* and *ff*. The Viola and Violoncello parts have rhythmic patterns with dynamics *mf*, *ff*, and *mf*. The Percussion part continues with a steady rhythmic pattern. The Piano part features a complex rhythmic accompaniment with dynamics *ff* and *mp*. Glissandos are marked in the Viola and Violoncello parts.

232

Musical score for measures 232-237. The score includes parts for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violin part features a glissando and dynamic markings of *mf*, *ff*, *mf*, and *ff*. The Viola and Violoncello parts are marked *ff*. The Percussion part has dynamic markings of *p*, *mf*, *ff*, and *p*. The Piano part has dynamic markings of *f* and *p*.

238

Musical score for measures 238-243. The score includes parts for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violoncello part has dynamic markings of *mp* and *mf*. The Percussion part has dynamic markings of *f*, *ff*, and *p*. The Piano part has dynamic markings of *f* and *p*.

24
244

J

Musical score for measures 24-29. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- Vn: *ff* (fortissimo), playing a continuous sixteenth-note pattern.
- Vla: *ff*, playing a continuous sixteenth-note pattern.
- Vc: *ff*, playing a continuous sixteenth-note pattern.
- Per: *mf* (mezzo-forte), playing a continuous sixteenth-note pattern.
- Pno: *f* (forte) in the right hand, *p* (piano) in the left hand. The right hand has a melodic line with a slur and a hairpin crescendo. The left hand has a steady accompaniment.

250

Musical score for measures 250-255. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- Vn: Playing a continuous sixteenth-note pattern.
- Vla: Playing a continuous sixteenth-note pattern.
- Vc: Playing a continuous sixteenth-note pattern.
- Per: *f* (forte) in the first half, *p* (piano) in the second half. The first half has a slur and a hairpin crescendo. The second half has a slur and a hairpin decrescendo.
- Pno: *f* (forte) in the right hand, *mp* (mezzo-piano) in the left hand. The right hand has a melodic line with a slur and a hairpin crescendo. The left hand has a steady accompaniment.

256

Musical score for measures 256-261. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violin, Viola, and Violoncello parts feature dense sixteenth-note textures. The Percussion part has a rhythmic pattern with accents. The Piano part has a steady accompaniment with a crescendo leading to a fortissimo (f) dynamic.

262

Musical score for measures 262-267. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violin, Viola, and Violoncello parts continue with dense sixteenth-note textures. The Percussion part features a crescendo leading to fortissimo (ff) and then a dynamic shift to piano (p). The Piano part has a steady accompaniment with a crescendo leading to fortissimo (ff).

Vn *poco a poco dim....*

Vla *poco a poco dim....*

Vc *poco a poco dim....*

Per *poco dim....* *pp*

Pno *pp* (sempre)

ff (until m. 312 - clear occasionally)

Vn *mp* *pp* *gliss.*

Vla *mp* *pp* *gliss.*

Vc *mp* *pp* *gliss.*

Per *5*

Pno *3*

K

280

Vn

Vla

Vc

Per

Pno

Detailed description: This system contains measures 280 through 285. The Violin (Vn) part features a melodic line with six measures of sustained notes, each marked with a hairpin crescendo. The Viola (Vla) part has a similar melodic line with six measures of sustained notes, also marked with a hairpin crescendo. The Violoncello (Vc) part is mostly silent, with a hairpin crescendo symbol in the first measure. The Percussion (Per) part consists of a rhythmic pattern of eighth notes, with a hairpin crescendo symbol below the staff. The Piano (Pno) part features a complex texture with triplets and quintuplets in the right hand, while the left hand is mostly silent.

286

Vn

Vla

Vc

Per

Pno

Pizz.

pp

Detailed description: This system contains measures 286 through 291. The Violin (Vn) part has a melodic line with three measures of sustained notes, followed by two measures of rests, and a hairpin crescendo symbol in the final measure. The Viola (Vla) part has a melodic line with two measures of sustained notes, followed by three measures of rests, and a hairpin crescendo symbol in the final measure. The Violoncello (Vc) part is mostly silent, with a hairpin crescendo symbol in the first measure, a 'Pizz.' (pizzicato) marking in the second measure, and a 'pp' (pianissimo) dynamic marking in the third measure. The Percussion (Per) part consists of a rhythmic pattern of eighth notes, with a hairpin crescendo symbol below the staff. The Piano (Pno) part features a complex texture with quintuplets in the right hand, followed by a final measure with a 'pp' dynamic marking and a melodic flourish.

Vn

Vla

Vc

Per

Pno

sul pont.

Vn

Vla

Vc

Per

Pno

sul pont.

pp

304

Musical score for measures 304-309. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violin and Viola parts feature long, sustained notes with phrasing slurs. The Violoncello part has sparse notes with rests. The Percussion part consists of a rhythmic pattern of eighth notes. The Piano part features complex chordal textures with fingerings (e.g., '5') and rests.

310



Musical score for measures 310-314. The score includes staves for Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno). The Violin and Viola parts are marked 'sul tasto' and 'ppp'. The Violoncello part is marked 'Arco' and 'gliss.'. The Percussion part includes 'Susp. Cymbal' (marked 'pp' to 'mp') and 'Vibraphone' (marked 'p' and 'bowed'). The Piano part is mostly silent with some notes in the lower register.

30
316

$\text{♩} = 56$

ord. at the tip

dampen strings with left hand

ppp *p* *pp*

ppp *p*

ord. at the tip

ppp *p*

ord. at the tip

ppp *p*

bowed

p *mp*

Pno

321

5

6

5

dampen strings with left hand

pp *pp*

gliss.

ppp *p* *ppp*

Sizzle Cymbal

pp *mp* *pp* *ppp*

Tam-tam

ppp

Pno

325

*** Split bridge

Vn *ppp* *p* *ppp* *ppp* *p*

Vla * Split bridge *ppp* *p* *ppp* ord. sul A *pp*

Vc *p* *espressivo* *pp* *p*

Per *p* *ppp* bowed *ppp* *p*

Pno

331

Vn ord. sul A *ppp* *pp* *p* gliss.

Vla gliss. *p* *mp* *pp* gliss.

Vc *mp* *p* *pp* *ppp* gliss. sul D

Per bowed *ppp* *p*

Pno

*** bow slowly directly on the bridge so that the bow hair is split between the sul pont and sub pont areas

Vn

Vla

Vc

Per

Pno

pp

ppp

Vibraphone

pp

Vn

Vla

Vc

Per

Pno

pp

pp

p

34

353

N

Vn *pp* *mp*
 Vla *mp* *f* *mp*
 Vc *f*
 Per *f*
 Pno *f* *f*

356

Vn *f* *mp* *f* *mp*
 Vla *f* *mp*
 Vc *f* *mp*
 Per *f* *mp* *f* *mp*
 Pno *f*

359

Musical score for measures 359-361. The score is for a string quartet (Vn, Vla, Vc) and piano (Pno). The key signature has one sharp (F#) and the time signature is 4/4. The music features a complex rhythmic pattern with many sixteenth notes. Dynamics include *f*, *mp*, and *f*. The piano part has a more melodic line with some rests.

362

Musical score for measures 362-364. The score is for a string quartet (Vn, Vla, Vc) and piano (Pno). The key signature has one sharp (F#) and the time signature is 4/4. The music continues with the complex rhythmic pattern. Dynamics include *f*, *mp*, *ff*, and *f*. The piano part has a more melodic line with some rests.

36
365

0

Vn *f mp f*

Vla *f mp f mp*

Vc *f mp f mp f*

Per *ff*

Pno *ff mp ff*

Wood blocks
Tom-toms

368

Vn *mp f mp*

Vla *f mp f*

Vc *mp f mp*

Per

Pno *mp ff mp*

371

Vn *f mp f*

Vla *f mp*

Vc *f mp f*

Per

Pno *ff mp ff*

374

Vn *mp f*

Vla *f mp*

Vc *f*

Per

Pno *mp ff*

38
377

P

Vn *ff* *mf* poco a poco dim....

Vla *ff* *mf* poco a poco dim....

Vc *ff* *mf* poco a poco dim....

Per *f*

Pno *fff* *ff* poco a poco dim....

ad.

380

Vn

Vla

Vc

Per Tam-tam (metal) *ppp*

Pno *mp*

383

Vn *p* *pp*

Vla *p* *pp*

Vc *p* *pp*

Per *mp*

Pno *p* *pp*

387 ♩ = 56

Q ♩ = 72

Vn *mp* *mp* *p* *pp*

Vla *mp* *mp* *p* *p*

Vc *mp* *p* *pp*

Per *pp* *mp*

Pno

Susp. Cymbal *bowed*

slow trill *tr*

Musical score for measures 394-398. The score is in 3/4 time and features five staves: Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- **Vn:** Treble clef. Measures 394-398 contain a melodic line with dynamics *p* and *pp*.
- **Vla:** Treble clef with a flat key signature. Measures 394-398 contain a melodic line with dynamics *p* and *pp*.
- **Vc:** Bass clef. Measures 394-398 contain a melodic line with dynamics *mp* and *ppp*.
- **Per:** Treble clef. Measures 394-398 contain a melodic line with dynamics *p* and *mp*. A "bowed" instruction is present above the staff.
- **Pno:** Grand staff. Measures 394-398 contain sustained chords.

Musical score for measures 399-403. The score is in 3/4 time and features five staves: Violin (Vn), Viola (Vla), Violoncello (Vc), Percussion (Per), and Piano (Pno).
- **Vn:** Treble clef. Measures 399-403 contain a melodic line with dynamics *pp* and *ppp*.
- **Vla:** Treble clef with a flat key signature. Measures 399-403 contain a melodic line with dynamics *pp* and *ppp*.
- **Vc:** Bass clef. Measures 399-403 contain a melodic line with dynamics *pp* and *ppp*.
- **Per:** Treble clef. Measures 399-403 contain a melodic line with dynamics *pp*.
- **Pno:** Grand staff. Measures 399-403 contain sustained chords with dynamics *ppp*.