

William Kleinsasser

DOUBLE CONCERTO

for viola, cello, chamber orchestra, and computer

(1996, 1998)

Duration: c. 28 minutes

This project was supported in part by a grant from the National Endowment for the Arts, a federal agency that supports the visual, literary and performing arts to benefit all Americans and through a grant from the Faculty Research Committee of Towson State University

DOUBLE CONCERTO for viola, cello, chamber orchestra, and computer

Orchestra

1 flute (doubling on piccolo)
 1 oboe
 1 clarinet in Bb
 1 bassoon

 1 horn in F
 1 trumpet in C
 1 trombone

 1 marimba

 piano

 computer-controlled electro-acoustic music
 (detailed below)

 3 violins
 2 violas
 3 cellos
 1 bass

Score is in C with the following exceptions:

All piccolo notes sound 8va higher than written
 All bass notes sound 8va lower than written

Computer music system requirements

The computer music in this work can be controlled by a single operator. The equipment necessary for performance is listed below:

Macintosh computer running MAX/MSP software
 (v. 4.1 or higher) The computer must have at least a 1 GB free hard drive space capable of playing 8-ch digital audio files.

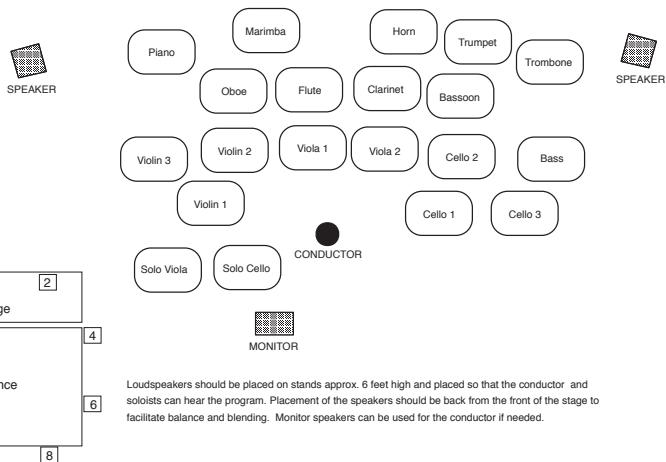
Mixer for computer audio outputs and microphones

Amplifiers for two-channel or 8-channel audio program

Two or eight loudspeakers in stereo configuration
 (suggested placement diagrammed to right)

The solo viola and cello should be amplified slightly for presence and balance. If the mixing system and venue allows, all instruments may be amplified for greater control of balance and sonic cohesion. At least two stereo mics over the orchestra are needed to bring the orchestral instruments into the computer for processing in performance.

Stage setup



Loudspeakers should be placed on stands approx. 6 feet high and placed so that the conductor and soloists can hear the program. Placement of the speakers should be back from the front of the stage to facilitate balance and blending. Monitor speakers can be used for the conductor if needed.

Notational Information

- All glosses begin immediately and last the entire duration of the initiating note
- All natural harmonics are notated at sounding pitch except bass, which sound an octave lower than written
- For winds and brass: indicates flutter tongue
For percussion: indicates a roll
For strings: indicates an unmeasured tremolo
- For winds and brass: indicates alternate fingering trill
For strings: indicates a 1/4-tone trill
- Gradual accelerando or ritard independent of overall tempo
- Indicates a gradual change from one mode of playing to another, eg. sul pont. to sul tasto.
- Use alternate fingerings to produce a timbral trill.
For strings: alternate different harmonic fingerings.
- Play beamed grace-note group as fast as possible
- Sul ponticello
 - All grace-notes are to be played immediately prior to the beat (or subdivision) of their associated note
 - Following a fermata the tempo should return to the last consistent tempo which preceded the fermata unless otherwise indicated

Because the tradition of the concerto spans a considerable number of centuries, the genre offers composers a rich context within which to present new ideas. As in traditional concerto's, Double Concerto for viola, cello, chamber orchestra and computer, presents two primary agents of contrast: the two soloist and the orchestra and adds a third dimension of computer music. The interaction of these three forces (an expanded concertato principal) represents the primary means of building and shaping the concerto. During the past century the concertato principal has formed the basis of considerable exploration in design. Among the most intriguing of these developments has been the inclusion of multi-layered contrasts of forces. This has led to the inclusion of computer music in concertos and it is out of this developmental line that this work emerges. Like others of its kind, the inclusion of computer music in this concerto folds a new agent of contrast into the traditional model creating a third dimension in the design of the concerto: soloists — orchestra — computer transformation of solo and orchestral music. This three-fold interaction is yet expanded by the special relationship between the solo viola and cello. The resulting four-dimensional relationship is particularly potent due to the fact that all contemporary performance roles are represented: the master performer in concert (each soloist), individual performers in an intimate chamber music setting (the duo of soloists), large ensemble performance (the orchestra), and the technological reproduction of pre-realized music (the computer). Our contemporary world of concert music is mirrored in this set of relationships—each element vying for attention, interaction, survival, and celebration.

The Double Concerto also builds on the history of the concerto in its formal design. The work contains several sections which feature the orchestra without soloists (historically described as ritornelli) which contain the motives and phrase fragments from which the entire work develops. These six ritornelli are presented in alternation with sections highlighting the soloists and sections combining the orchestra and soloists. In each of these presentational modes the soloists and orchestra remain essentially separate, offering contrasting modes of expression and overlaid streams of music rather than finding integration and co-resolution.

Throughout the compositional process, my thoughts on the relationship between the viola and cello—who remain equal protagonists—centered on an idea that the solo violist was internally heard only in the mind of the solo cellist. The viola solo was originally conceived as a kind of spirit or muse to the cellist. In the final manifestation of the piece this haunted nature of their relationship isn't straightforwardly presented; it remains a ghost of the creative process.

Another initial idea that persisted during the creation of the Double Concerto was an idea of the disintegrating and transformative forces that are associated with the transition (on personal and cultural levels) from youth's simplicities to the inevitably embraced complexities of maturity. These forces play creatively on memory and perception challenging one's believed-in mental cohesion, affecting the apprehension and comprehension of past, present, and future relationships. First, the flattening, white-light recognition of all that is arbitrary and seemingly meaningless; later, with care, giving way to potential realization that the *terra incognita*, the dark, dangerous mystery that surrounds all that is known and remembered as meaningful, can also represent poignant opportunity. To a great extent, this metaphor is pervasive in the Double Concerto; an opportunity for cohesion emerges from disparate elements but it remains a cloud of transient potential—cohesion unwitnessed.

The computer music integrated with the orchestra and soloist in this work is realized in concert by a computer running MAX/msp real-time signal processing software that records music played during live performance and presents transformations of that music back into the fabric of the piece in near-real-time. Some pre-recorded sound files are also presented during performance. Using these methods, the soloists and orchestra freely perform—engaging in temporal nuance and a traditional approach to musical timing and ensemble playing which allows a more fluid, and musically-timed experience than would be available if they were required to synchronize with pre-recorded music. In performance, a computer performer controls the timing for the playback of digitally recorded music and near-real-time signal processing programs designed by the composer. These software tools are primarily used to produce transformations based on cross-synthesis, granular synthesis manipulations, and complex dynamic filtering. The control of these systems is managed by a program designed by the composer with inclusion of shared elements from many others including Miller Puckette, David Zicarelli, Cort Lippe, and Christopher Dobrian.

This concerto is the second of two works composed between 1996 and 1998 under a Composers Special Project Grant from the National Endowment for the Arts. Partial support for the composition of this work was also made possible by grants from the Faculty Development and Research Committee and support from the Department of Music and College of Fine Arts and Communication at Towson University in Baltimore Maryland.
W. Kleinsasser

Score in C

Double Concerto

William Kleinsasser (1996, 98)

Computer Prelude 9 Ritornello one

4/4 (♩ = 120)

Flute: ff, 6, non vib.

Oboe: ff, f, 7, f

Clarinet: ff, f

Bassoon: ff, sfp

Horn: ff, cup mute, ff, p, ff, (alt. fing. trill)

Trumpet: ff, p

Trombone: ff, Marimba hard yarn mallets

Mallets: ff, 5, 3

Piano: ff, 5, 5

Computer: 8-channel soundfile played Prelude derived from violins and cello fragments

Orchestra begins immediately on end of prelude file with very slight overlap

Violin solo

Cello solo

Computer Prelude 9 Ritornello one

4/4 (♩ = 120)

Violin 1: ff, 6

Violin 2: ff, 6

Violin 3: ff, 6

Viola 1: ff, p

Viola 2: ff, p

Cello 1: arco, pizz., ff, arco, pizz., ff, arco, pizz., ff, pizz., ff, 3

Cello 2: arco, pizz., ff, arco, pizz., ff, arco, pizz., ff, pizz., ff, 3

Cello 3: arco, pizz., ff, arco, pizz., ff, arco, pizz., ff, 3

Bass: arco, pizz., ff, arco, pizz., ff, pizz., ff, 3

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This composition was made possible, in part,
by grants from the National Endowment
for the Arts and Towson University

Fl. *norm.*
 Ob.
 Clar.
 Bsns. *p*
 Hn. *(alt. fing. trill)*
 Tpt. *p* *(p)*
 Trb. *pp* *ff*
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1 *p*
 Vla. 2
 Vc. 1 *arco* *f*
 Vc. 2 *ff*
 Vc. 3 *f*
 Bs. *sul A* *p*

[4] [5] [6] [7]

Fl. Ob. Clar. Bsns. Hn. Tpt. Trb. Mallets Piano Computer Vla. Solo Cello solo

5 3
4 4

Vln. 1 Vln. 2 Vln. 3 Vla. 1 Vla. 2 Vc. 1 Vc. 2 Vc. 3 Bs.

5 3
4 4

8 **9** **10** **11** **12** **13**

4

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

4

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

[14]

[15]

[16]

[17]

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

2 4 4 7 8 (2+2+3) 4

Fl. Ob. Clar. Bsns. Hn. Tpt. Trb. Mallets Piano Computer

sfz p *f* *ff* *f* *ff* *ff* *ff*

Vla. Solo Cello solo

Computer

2 4 7 8 (2+2+3) 4

Vln. 1 Vln. 2 Vln. 3

Vla. 1 Vla. 2 Vc. 1 Vc. 2 Vc. 3 Bs.

ff *ff* *ff* *ff* *ff* *ff*

p *f* *f* *f* *ff* *f*

ff *ff* *ff* *ff* *ff* *ff*

p *f* *f* *f* *ff* *f*

ff *ff* *ff* *ff* *ff* *ff*

f *f* *f* *f* *ff* *f*

ff *ff* *ff* *ff* *ff* *ff*

f *f* *f* *f* *ff* *f*

[27]

[28]

[29]

[30]

Fl. 4
 Ob. 5
 Clar. 4
 Bsns. 4
 Hn.
 Tpt.
 Trb.

 Mallets f
 Piano f
 Computer

 Vla. Solo

 Cello solo

4 5 4
 Vln. 1
 Vln. 2 sfz p ff
 Vln. 3 p ff

 Vla. 1 ff
 Vla. 2 pp >

 Vc. 1 ff
 Vc. 2 ff
 Vc. 3 p ff
 Bs. f ff

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

3 **4**

Fl. *non vibr.* *p*

Ob.

Clar.

Bsns. *p*

Hn.

Tpt. *p*

Trb.

Mallets

Piano *f* *p* *p*

Computer

Vla. Solo

Cello solo

3 **4**

Vln. 1 *p*

Vln. 2

Vln. 3

Vla. 1 *f*

Vla. 2 *f*

Vc. 1 *f* *f*

Vc. 2

Vc. 3

Bs. *f* *p* *f*

Fl.

Ob.

Clar.

Bsns.

Hn. *sfp* con sord.

Tpt.

Trb.

Mallets

Piano (5)

Computer

Vla. Solo

Cello solo

Vln. 1 *f*

Vln. 2 *sfp*

Vln. 3

Vla. 1 *f*

Vla. 2 *p*

Vc. 1 *sfp* ff

Vc. 2

Vc. 3

Bs. *p* ff

norm.

2 4

Fl. *p*

Ob.

Clar.

Bsns.

Hn. *p*

Tpt. *p*

Trb. *p* (cup mute)

Mallets

Piano

Computer

Vla. Solo

Cello solo

2 4

Vln. 1

Vln. 2 *p ff*

Vln. 3 *ff*

Vla. 1

Vla. 2

Vc. 1 *ff*

Vc. 2 *ff*

Vc. 3 *ff*

Bs.

5 4

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

5 4

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

Fl. ff p < ff f f> f f

Ob. ff p < ff p f

Clar. ff p < ff f

Bsns. p

Hn.

Tpt. p

Trb. p ff

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1 ff pp

Vln. 2 ff pp

Vln. 3 ff pp

Vla. 1 ff pp

Vla. 2

Vc. 1 f ff f

Vc. 2 f ff f

Vc. 3 f ff f

Bs.

3 4

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

3 4

Vln. 1

Vln. 2

Vln. 3

Vla. 1

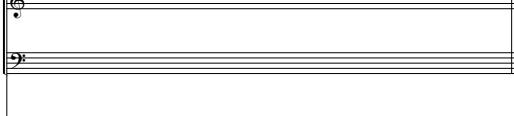
Vla. 2

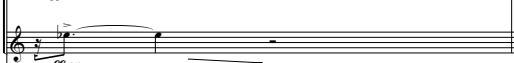
Vc. 1

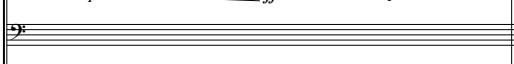
Vc. 2

Vc. 3

Bs.

Fl. 
 Ob. 
 Clar. 
 Bsns. 
 Hn.
 Tpt.
 Trb. 
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo

 Vln. 1 
 Vln. 2 
 Vln. 3 
 Vla. 1 
 Vla. 2

 Vc. 1 
 Vc. 2 
 Vc. 3 
 Bs. 

Fractured

Begin live processing of viola and cello. This section uses the processing preset "Fractured" which transposes, spatializes, and adds ringing tones to the solo viola and cello lines

FRACTURED PROCESS		
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Vla. Solo

Cello solo

66 67 68 69

A musical score page featuring three staves. The top staff, labeled "Computer", consists of four empty five-line staves. The middle staff, labeled "Vla. Solo", shows a bassoon part with dynamics *p*, *s.p.*, *norm.*, and *mp*. The bottom staff, labeled "Cello solo", shows a cello part with dynamics *mf*, *f*, *s.p.*, and *ff*. Measure numbers 70, 71, 72, and 73 are indicated at the bottom of each staff respectively.

Computer

Vla. Solo

Cello solo

74 75 76 77

Computer

Vla. Solo

Cello solo

78 79 80 81

Computer

Vla. Solo

Cello solo

82 83 84 85

Computer

Vla. Solo

Cello solo

86 87 88 89

Computer

Vla. Solo

Cello solo

90 91 92 93

Computer

Vla. Solo

Cello solo

ff [94] 95 96 97

Computer

Vla. Solo

Cello solo

ff 98 99 100 101

Computer

Vla. Solo

Cello solo

102 103 104 105

Computer

Vla. Solo

Cello solo

106 107 108 109

Computer

Vla. Solo

Cello solo

110 111 112 113

Computer

Vla. Solo

Cello solo

114 115 116 117

Computer

Vla. Solo

Cello solo

118 119 120 121

Computer

Vla. Solo

Cello solo

122 123 124 125

Ritornello two

♩ = 120 - 132

7
8

Fl.
Ob.
Clar.
Bsns.

Hn.
Tpt.
Trb.
Mallets
Piano

Computer

Computer process ends

Vla. Solo
Cello solo

Ritornello two

♩ = 120 - 132

7
8

Vln. 1
Vln. 2
Vln. 3

Vla. 1
Vla. 2

Vc. 1
Vc. 2
Vc. 3
Bs.

126

127

128

Fl. (2+2+3)

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1 (2+2+3)

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

129

130

131

132

9
8

Fl. Ob. Clar. Bsns. Hn. Tpt. Trb. Mallets Piano Computer

Vla. Solo Cello solo

9
8

Vln. 1 Vln. 2 Vln. 3 Vla. 1 Vla. 2 Vc. 1 Vc. 2 Vc. 3 Bs.

9
 8

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo

4

7
 8 (3+2+2)

4

Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

136

137

138

4

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

4

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

Fl. *ff*

Ob. *ff*

Clar. *p* *f*

Bsns. *ff* *ff* *ff*

Hn. *ff*

Tpt. *pp* *ff* *pp* *f*

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1 *ff*

Vln. 2 *ff*

Vln. 3 *ff*

Vla. 1 *ff*

Vla. 2 *f* *ff*

Vc. 1 *f* *ff*

Vc. 2 *ff*

Vc. 3 *f* *ff*

Bs. *ff* *p*

Fl.

Ob.

Clar.

Bsns.

Hn. *ff*

Tpt.

Trb. *p* *pp ff*

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1 *arco* *sfp* *f*

Vln. 2 *p* *ff*

Vln. 3 *p* *ff*

Vla. 1 *pizz* *ff* *arco* *pizz* *ff* *arco* *ff*

Vla. 2 *pizz* *ff* *f* *arco* *pizz* *ff* *f* *arco* *ff*

Vc. 1 *arco* *p* *f* *ff* *3* *f* *ff* *3* *f* *ff* *3* *f* *ff* *3* *f* *ff*

Vc. 2 *p* *f* *ff* *3* *f* *ff*

Vc. 3 *ff* *f* *ff*

Bs. *ff*

145

146

147

148

9
8

Fl.
Ob.
Clar.
Bsns.
Hn.
Tpt.
Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

9
8

Vln. 1
Vln. 2
Vln. 3

Vla. 1
Vla. 2

Vc. 1
Vc. 2
Vc. 3

Bs.

149

150

151

152

9
8

4

Fl.
Ob.
Clar.
Bsns.
Hn.
Tpt.
Trb.
Mallets
Piano
Computer
Vla. Solo
Cello solo

9
8

4

Vln. 1
Vln. 2
Vln. 3
Vla. 1
Vla. 2
Vc. 1
Vc. 2
Vc. 3
Bs.

153

154

155

9

8

4

Fl.

Ob.

Clar. *sfz p*

Bsns. *ff*

Hn. *sfz p*

Tpt.

Trb. *ff*

Mallets

Piano

Computer

Vla. Solo

Cello solo

9

8

4

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2 *ff*

Vc. 1

Vc. 2

Vc. 3

Bs.

156

157

158

159

(rall.)

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

(rall.)

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

[160]

[161]

[162]

[163]

[164]

..... (♩ = 72) non vibr.
 Fl. Ob. Clar. Bassn.
 Hn. Tpt. Trb.
 Mallets
 Piano
 Computer
 Vla. Solo Cello solo
 Vln. 1 Vln. 2 Vln. 3
 Vla. 1 Vla. 2
 Vc. 1 Vc. 2 Vc. 3 Bs.

(♩ = 60) *Serene*
PROCESS SERENE Begin live processing of solo viola, cello, and orchestra.
 This process time-stretches the input slightly and adds spatialized reverberation with dynamic reverb time and levels

..... (♩ = 72)
 Vln. 1 Vln. 2 Vln. 3
 Vla. 1 Vla. 2
 Vc. 1 Vc. 2 Vc. 3 Bs.

165

166

167

168

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

7.8

5

6.8

9.8

3

6

arco sul tasto

pp

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

norm.
pp
pp
3
6
3
7
5
9.8
7.8
sul tasto
pp

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

176

177

178

179

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

Begin 8-ch playback of soundfile "Serene"

sul tasto

[180]

[181]

[182]

[183]

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

184

185

186

Fl.

Ob.

Clar.

Bssn.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

Fl.

Ob.

Clar.

Bssn.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

191

192

193

Fl.

Ob.

Clar.

Bssn.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

197

198

199

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

203

204

205

206

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 arco sul tasto
 pp
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

[207]

[208]

[209]

[210]

ca. 1:50
Computer Interlude

The musical score consists of two systems of staves. The top system, spanning measures 211 to 215, includes parts for Flute (Fl.), Oboe (Ob.), Clarinet (Clar.), Bassoon (Bsns.), Horn (Hn.), Trumpet (Tpt.), Trombone (Trb.), Mallets, Piano, and Computer. The piano part features sixteenth-note patterns with dynamic markings like bass_bass , bass_bass , and bass_bass . The computer part contains a rectangular box with the text: "END PROCESS", "Begin 8-channel interlude", and "soundfile playback". A note states: "Interlude is a pre-recorded processed and obscured foreshadowing of the ending section of the piece." The bottom system, spanning measures 211 to 215, includes parts for Violin 1 (Vln. 1), Violin 2 (Vln. 2), Violin 3 (Vln. 3), Viola 1 (Vla. 1), Viola 2 (Vla. 2), Cello 1 (Vc. 1), Cello 2 (Vc. 2), Cello 3 (Vc. 3), and Bass (Bs.). The violins play eighth-note patterns with dynamics pp and f . The cellos play eighth-note patterns with dynamics pp and f . The bass part has sustained notes.

[211]

[212]

[213]

[214]

[215]

Ritornello three

Fl. *Ob.* *Clar.* *Bsns.* *Hn.* *Tpt.* *Trb.* *str. mute* *p*

Mallets Marimba hard mallets *mp* *6* *6* *3* *6*

Piano *mp* *5*

Computer Orchestra begins as Interlude ends with slight overlap

Vla. Solo

Cello solo

Ritornello three

Vln. 1 *Vln. 2* *Vln. 3* *Vla. 1* *Vla. 2*

Vc. 1 *Vc. 2* *Vc. 3* *Bs.*

norm. *mf* *mf* *mf* *p*

pianiss. vibr.

mp *5* *mp* *mp* *3* *p* *3* *3* *3* *p* *3* *p* *3* *3* *p*

216

217

218

3
4

Fl.
Ob.
Clar.
Bsns.
Hn.
Tpt.
Trb.
Mallets
Piano
Computer
Vla. Solo
Cello solo

5
4

Vln. 1
Vln. 2
Vln. 3
Vla. 1
Vla. 2
Vc. 1
Vc. 2
Vc. 3
Bs.

5
4

norm.
p *sfp* *mp*

sfz p

mf

mf

mf

mf

3
4
2

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo

3
4
2

Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

222 223 224 225

2 4 4 2 4 5
 Fl. Ob. Clar. Bsns.
 Hn. Tpt. Trb.
 Mallets Piano Computer
 Vla. Solo Cello solo

2 4 4 5
 Vln. 1 Vln. 2 Vln. 3
 Vla. 1 Vla. 2
 Vc. 1 Vc. 2 Vc. 3 Bs.

[226]

[227]

[228]

[229]

[230]

Fl. 5
 Ob. 4
 Clar. 4
 Bsn.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1 5
 Vln. 2 4
 Vln. 3 4
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

[231]

Obsessed

Computer

PROCESS OBSESSED	Begin live processing of solo viola and cello. This process is similar to Fractured with added time stretching				
------------------	--	--	--	--	--

Vla. Solo Cello solo

[235] [236] [237] [238] [239]

Computer

Vla. Solo Cello solo

[240] [241] [242] [243] [244] [245]

Computer

Vla. Solo Cello solo

[246] [247] [248] [249] [250]

Computer

Vla. Solo Cello solo

[251] [252] [253] [254] [255] [256]

Computer

Vla. Solo Cello solo

[257] [258] [259] [260] [261] [262]

11
8

Fl.
Ob.
Clar.
Bsns.

Hn.
Tpt.
Trb.

Mallets

Piano

Computer END PROCESS

Vla. Solo
Cello solo

11
8

Ritornello four

7 (2+2+3)

4

Vln. 1
Vln. 2
Vln. 3

Vla. 1
Vla. 2

Vc. 1
Vc. 2
Vc. 3

Bs.

263 264 265 266

Fl. *f*
 Ob. *p*
 Clar. *p*
 Bsns. *sfp*
 Hn.
 Tpt.
 Trb. *pp*
 Mallets
 Piano *p*
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1 *p* *f* *p* *p*
 Vla. 2
 Vc. 1 *ff*
 Vc. 2 *ff*
 Vc. 3 *ff*
 Bs. *ff*

3 4 3 3

Fl.
Ob.
Clar.
Bsns.
Hn.
Tpt.
Trb.
Mallets
Piano
Computer
Vla. Solo
Cello solo

Vln. 1
Vln. 2
Vln. 3
Vla. 1
Vla. 2
Vc. 1
Vc. 2
Vc. 3
Bs.

[271]

[272]

[273]

[274]

Fl. *f*
Ob. *f*
Clar.
Bsns. *ff*
Hn. *f*
Tpt. *p* *sfz p*
Trb. *p* *f*
Mallets
Piano
Computer
Vla. Solo
Cello solo

Vln. 1 *sus.....*
Vln. 2 *p*
Vln. 3 *p*

Vla. 1
Vla. 2 *ff* *mfp*

Vc. 1 *f* *ff*
Vc. 2 *ff*
Vc. 3
Bs. *ff*

3 8 4

3 8 4

275

276

277

278

3
4

Fl.
Ob.
Clar.
Bsns.
Hn.
Tpt.
Trb.
Mallets
Piano
Computer
Vla. Solo
Cello solo

3
4

Vln. 1
Vln. 2
Vln. 3
Vla. 1
Vla. 2
Vc. 1
Vc. 2
Vc. 3
Bs.

4 6 4 9
 Fl. Ob. Clar. Bsns.
 Hn. Tpt. Trb.
 Mallets Piano Computer
 Vla. Solo Cello solo

4 6 8 4 9 8
 Vln. 1 Vln. 2 Vln. 3
 Vla. 1 Vla. 2
 Vc. 1 Vc. 2 Vc. 3 Bs.

282 283 284

9

8

Fl. *f*

Ob. *f*

Clar. *p*

Bsns. *pp*

Hn.

Tpt. *pp*

Trb. *pp*

Mallets

Piano

Computer

Vla. Solo

Cello solo

9

8

Vln. 1

Vln. 2

Vln. 3

Vla. 1 *p*

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

[285]

[286]

[287]

Compelled

♩ = 112 120

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

(con sord.)

tr

sfs p

str. mute

sfs p

Marimba

f

pp

Begin 8-channel soundfile playback that runs underneath the orchestral crescendo during mm 289-366.

with intensity

p

with intensity

p

Compelled

ff

p

ff

ff

ff

p

ff

p

ff

ff

p

[288]

[289]

[290]

[291]

[292]

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

293

294

295

296

297

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

Fl.
 Ob.
 Clar.
 Bsns.

 Hn.
 Tpt.
 Trb.

 Mallets

 Piano

 Computer

 Vla. Solo
 Cello solo

 Vln. 1
 Vln. 2
 Vln. 3

 Vla. 1
 Vla. 2

 Vc. 1
 Vc. 2
 Vc. 3

 Bs.

con sord.

p

[302]

[303]

[304]

[305]

[306]

Fl.

Ob.

Clar.

Bsns. *mf*

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

[307]

[308]

[309]

[310]

Fl.
Ob.
Clar.
Bsns.
Hn.
Tpt.
Trb.
Mallets
Piano
Computer
Vla. Solo
Cello solo

Vln. 1
Vln. 2
Vln. 3
Vla. 1
Vla. 2
Vc. 1
Vc. 2
Vc. 3
Bs.

311

312

313

314

7
8 (3+2+2)

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer

6
8

Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

315

316

317

318

319

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

[320]

[321]

[322]

[323]

[324]

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

325

326

327

328

329

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

[330]

[331]

[332]

[333]

[334]

5
8 (3+2)

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

5
8 (3+2)

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

[335]

[336]

[337]

[338]

[339]

[340]

2
4

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

2
4

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

341

342

343

344

345

346

347

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

348

349

350

351

352

353

354

355

6
83
8

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

(sust.)

Computer

6
83
8

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

356

357

358

359

360

361

362

363

364

365

6
8
3 Ritornello five
4
4
9
8

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Marimba
hard yarn mallets
 Mallets
 Piano
 Computer
 END SOUNDFILE PLAYBACK
 Vla. Solo
 Cello solo

6
8
3 Ritornello five
4
4
9
8

Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

9
8

Fl.
Ob.
Clar.
Bsns.
Hn.
Tpt.
Trb.

Mallets
Piano

Computer

Vla. Solo

Cello solo

4

Vln. 1
Vln. 2
Vln. 3

Vla. 1
Vla. 2

Vc. 1
Vc. 2
Vc. 3

Bs.

Fl. *sfp*

Ob. *p* *mf*

Clar. *mp*

Bsns. *pp* *sfp*

Hn.

Tpt.

Trb. *p* *f*
harmon mute
stem 1/2 out

Mallets

Piano

Computer

Vla. Solo

Cello solo

3

4

98

Vln. 1 *p* *f*

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

9 8
 4
 7 8 (2+2+3)
 4

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo

9 8
 4
 7 8 (2+2+3)
 4

Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

A detailed musical score page, numbered 4 at the top left. The page features multiple staves for different instruments. At the top, woodwind instruments like Flute (Fl.), Oboe (Ob.), Clarinet (Clar.), and Bassoon (Bsns.) play dynamic markings such as ff, f, p, mf, and pp. The middle section includes a Mallets staff and a Piano staff, with the piano part featuring dynamic markings like f, pp, and p. A 'Computer' track is also present. The bottom half of the page contains staves for Vln. 1, Vln. 2, Vln. 3, Vla. 1, Vla. 2, Vcl. 1, Vcl. 2, Vcl. 3, and Bs. (Bass). The Vln. 1 staff includes a dynamic marking 'Sfor.' above a note. The Vcl. 1 staff has a dynamic marking 'p' below a note. The Bs. staff has a dynamic marking 'ff' below a note.

2 4

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

385

386

387

388

2 4

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

7 8 (2+2+3) 4

Fl. Ob. Clar. Bsns. Hn. Tpt. Trb. Mallets Piano Computer Vla. Solo Cello solo

Vln. 1 Vln. 2 Vln. 3 Vla. 1 Vla. 2 Vc. 1 Vc. 2 Vc. 3 Bs.

[389]

[390]

[391]

[392]

4 4 5 4 4

Fl. Ob. Clar. Bsns. Hn. Tpt. Trb. Mallets Piano Computer Vla. Solo Cello solo

Vln. 1 Vln. 2 Vln. 3 Vla. 1 Vla. 2 Vc. 1 Vc. 2 Vc. 3 Bs.

393

394

395

2 4

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb. *harmon stem 1/2 out*
pp

Mallets

Piano *f* *p* *f*

Computer

Vla. Solo

Cello solo

2 4

Vln. 1

Vln. 2

Vln. 3

Vla. 1 *p*

Vla. 2 *p*

Vc. 1 *p* *f* *3*

Vc. 2 *f* *3*

Vc. 3 *f*

Bs. *f* *3* *f*

396

397

398

399

400

5 4 3

Fl.

Ob.

Clar.

Bssn.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

401

402

403

404

3
4 ca. 1:50 **Computer Interlude**

Frozen
 piccolo: **pp**

Fl.
Ob.
Clar.
Bsns.

Hn.
Tpt.
Trb.

Mallets

Piano
p

Computer
 Begins charged Interlude soundfile playback.
 This interlude includes references to Prelude and Available Instruments interludes.

High ringing just before orchestra enters
 Orchestra enters 1:50 after beginning of Interlude soundfile which fades out.
 Begin quiet background soundfile which runs through end of piece.

Vla. Solo

Cello solo con sord.

3
4 **Computer Interlude**

Frozen
 con sord. **pp**

Vln. 1
Vln. 2
Vln. 3 **pp**

Vla. 1
Vla. 2

Vc. 1
Vc. 2
Vc. 3

Bs.

405

406

407

408

Fl.
 Ob.
 Clar.
 Bsns.

 Hn.
 Tpt.
 Trb.

 Mallets

 Piano

 Computer

 Vla. Solo *con sord.*
pp
 Cello solo

 Vln. 1
 Vln. 2
 Vln. 3

 Vla. 1 *con sord.*
pp
 Vla. 2

 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

409

410

411

412

413

Fl.
 Ob.
 Clar.
 Bsns. *p*
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2 *con sord.* *p*
 Vc. 1 *con sord.*
 Vc. 2 *p*
 Vc. 3
 Bs.

414

415

416

417

418

- 86 -

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

424

425

426

427

428

Fl.
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

Begin 8-channel soundfile playback "File 8"

429

430

431

432

Fl. *p*
 Ob.
 Clar.
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1 *pp*
 Vln. 2 *pp*
 Vln. 3
 Vla. 1
 Vla. 2 *pp*
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

piccolo: (picc. as sounding) *p*
p

433

434

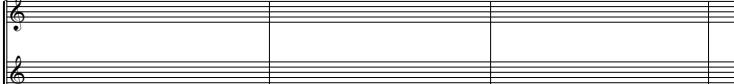
435

436

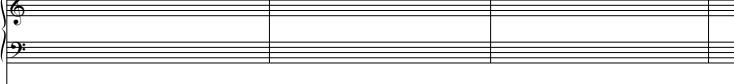
Fl. 

 Ob. 

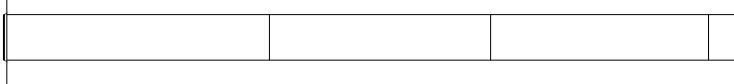
 Clar. 

 Bsns. 

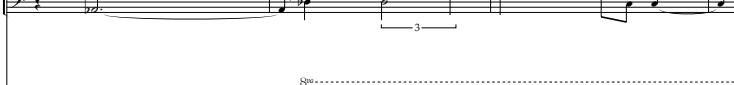
 Hn. 

 Tpt. 

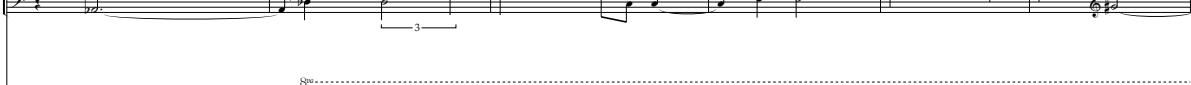
 Trb. 

 Mallets 

 Piano 

 Computer 

 Vla. Solo

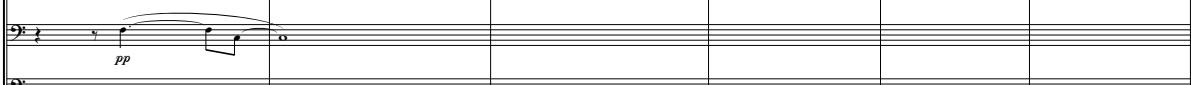
 Cello solo 

 Vln. 1 

 Vln. 2 

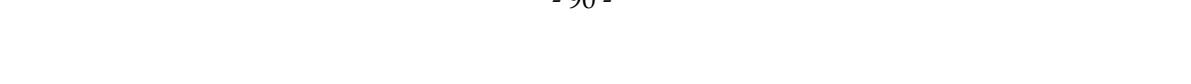
 Vln. 3 

 Vla. 1 

 Vla. 2 

 Vc. 1 

 Vc. 2 

 Vc. 3 

 Bs. 

[437]

[438]

[439]

[440]

[441]

[442]

5 Ritornello six **4**

p

p

p

p

con sord.
p

*Marimba
hard mallets*
with a light touch

pp

pp with a light touch

(through end of piece)

Computer Begin live processing of all instruments using "Rit 6" process which slightly stretches time and adds spatialized motion and reverberation through end of piece with references to Fractured and Obsessed.

Vla. Solo

Cello solo

5 Ritornello six **4**

(Sust.)

*non vibr.
quasi harmonic*

pp

*non vibr.
quasi harmonic*

pp

*non vibr.
quasi harmonic*

pp

pizz pp

arco

pizz pp

arco

pp

443

444

445

446

447

Fl. *p*
 Ob.
 Clar. *p*
 Bsns.
 Hn.
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1 *pp* *sfp*
 Vc. 2 *pp*
 Vc. 3 *pp*
 Bs. *pp*

[448]

[449]

[450]

[451]

[452]

rall. *A Tempo*
 $\bullet = 60$

Fl.
Ob.
Clar.
Bsns.

Hn.
Tpt.
Trb.

Mallets
Piano

Computer

Vla. Solo

Cello solo

Vln. 1
Vln. 2
Vln. 3

Vla. 1
Vla. 2

Vc. 1
Vc. 2
Vc. 3

Bs.

453

454

455

456

Fl. *non vibr.*
 Ob.
 Clar.
 Bsns.

 Hn.
 Tpt.
 Trb.

 Mallets

 Piano

 Computer

 Vla. Solo
 Cello solo

 Vln. 1
 Vln. 2
 Vln. 3

 Vla. 1
 Vla. 2

 Vc. 1
 Vc. 2
 Vc. 3

 Bs.

457

458

459

460

461

Fl. (n.v.)
 Ob.
 Clar.
 Bsns.

 Hn.
 Tpt.
 Trb.

 Mallets

 Piano

 Computer

 Vla. Solo
 Cello solo

 Vln. 1
 Vln. 2
 Vln. 3

 Vla. 1
 Vla. 2

 Vc. 1
 Vc. 2
 Vc. 3

 Bs.

462 463 464 465 466

Fl.
 Ob.
 Clar.
 Bsns.

 Hn.
 Tpt. *harmon mute stem 1/2 out*
 Trb.

 Mallets

 Piano

 Computer

 Vla. Solo
 Cello solo

 Vln. 1
 Vln. 2
 Vln. 3

 Vla. 1
 Vla. 2

 Vc. 1
 Vc. 2
 Vc. 3

 Bs.

norm.
p

pp
mf
pp

pp

pizz
5
3
p
arco jeté
pizz
arco
p

pp

sul D
3

467

468

469

470

Fl. *p*
 Ob. *p*
 Clar. *p*
 Bsns.

 Hn.
 Tpt.
 Trb.

 Mallets

 Piano

 Computer

 Vla. Solo *p* *p* *strum pizz.* *mp* *p*
 Cello solo *p* *mf* *p* *mf* *mp* *pp*

 Vln. 1
 Vln. 2
 Vln. 3

 Vla. 1
 Vla. 2

 Vc. 1 *espr.* *mp*
 Vc. 2 *espr.* *mp*
 Vc. 3

 Bs. *p*

471

472

473

474

Fl. (n.n.)
 Ob.
 Clar. 3 pp
 Bsns. p
 Hn.
 Tpt. sfz pp
 Trb. cup mite
 Mallets
 Piano dolce pp
 Computer (RQA)
 Begin 8-channel soundfile playback "File 9"
 Vla. Solo pizz 3 arco 3 pizz arco (arco)
 Cello solo pizz 3 arco (arco)
 Vln. 1 espr. mp
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3 p
 Bs. espr. mp

475

476

477

478

Fl.
 Ob.
 Clar.
 Bsns.
 Hn. (alt. fing. trill)
 Tpt.
 Trb.
 Mallets
 Piano
 Computer
 Vla. Solo
 Cello solo
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1
 Vc. 2
 Vc. 3
 Bs.

Fl.

Ob.

Clar.

Bsns.

Hn.

Tpt.

Trb.

Mallets

Piano

Computer

Vla. Solo

Cello solo

Vln. 1

Vln. 2

Vln. 3

Vla. 1

Vla. 2

Vc. 1

Vc. 2

Vc. 3

Bs.

483

484

485

486

Fl. (n.n.) *pp*
 Ob. *pp*
 Clar. *p*
 Bsns. *pp*
 Hn.
 Tpt.
 Trb.
 Mallets *p* *pp* *pp*
 Piano *pp*
 Computer
 Vla. Solo *mp* (not harm.)
 Cello solo (play open str. and harmonic) ... (play both as harmonics)
 Vln. 1
 Vln. 2
 Vln. 3
 Vla. 1
 Vla. 2
 Vc. 1 *espr.* *pizz.*
 Vc. 2 *mp* *pizz.*
 Vc. 3 *espr.* *pizz.*
 Bs. *p* *pizz.*

487

488

489

490

491

3 *rall.* **4** $\text{♩} = 44$

Fl. *non vibr.*
Ob.
Clar. *pp*
Bsns.

Hn.
Tpt.
Trb. *pp*

Mallets

Piano
p *pp*

Computer

Vla. Solo *jétè* *mp* *p* *(play open str. and harmonic)*
Cello solo *(play open str. and harmonic)* *(play both as harmonics)* *mp* *jétè* *p* *(play open str. and harmonic)*

3 *rall.* **4** $\text{♩} = 44$

Vln. 1
Vln. 2
Vln. 3

Vla. 1 *pp*
Vla. 2 *p* *pp* *3*

Vc. 1 *arco* *p* *pp* *3*
Vc. 2
Vc. 3

Bs.

