

Desire with Digressions

for piano and interactive computer music

after a story by Brian Evenson

JOSEPH BUTCH ROVAN

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TECHNICAL REQUIREMENTS

INTERACTIVE COMPUTER MUSIC

- Macintosh or Wintel computer
- Audio interface (recommended: RME or MOTU)
 - for multichannel spatialization, an interface with 4 or 8 outputs is required
 - electronics is performable in stereo
- Custom MaxMSP application (available from the composer)
- Microphone(s) for the piano (summed to mono for send to computer)
- Mixing board and sound system (stereo minimum, 8-channel preferred)

SIGNAL PATH:

piano mic(s) ----> mixing board
AUXILIARY SEND ---> audio interface input LEFT (or input 1)

audio interface outputs --> mixing board --> speakers

MIXING NOTES:

1) The dry signal of the piano is **not** routed through the computer; in order to balance the dry signal of the piano, use the mixer mic channel(s) if needed.

2) The AUXILIARY SEND should be set to "pre-fader" operation.

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Butch Rován

for Bruce Brubaker

after a story by Brian Evenson

A Panicked (♩ = 65)

The score is divided into three systems, each with Piano (Pno.) and Computer (Cmp.) staves. The tempo is marked as Panicked (♩ = 65). The Piano part uses various dynamics including *ff*, *mf*, and *sfz*, and includes trills and oscillations. The Computer part includes specific processing instructions such as 'capture/sus nsine', 'trill/osc, grain >', and 'trill/osc, nsine fade, grain > 0'. The score includes measure numbers 6, 9, and 12, and various musical notations like rests, slurs, and articulation marks.

Piano

Computer

0 reset

1 capture/sus nsine

2 trill/osc, grain >

3 trill/osc, nsine fade, grain > 0

4 trill/osc

5 capture/sus, nsine

Pno. *ff* *sfz* *5*

Cmp. ⑥ nsine capture/sus ⑦ nsine ⑧ trill/osc

Pno. *6*

Cmp. ⑨ nsine ⑩ capture/sus/zsynth

Pno. *sfz* *11*

Cmp. ⑪ grain fade ⑫ capture/sus/zsynth

Pno. *ff* *mf* *tr*

Cmp. ⑬ grain fade space ⑭ zsynth

B Calm and still

24

Pno.

Cmp.

30

Pno.

Cmp.

C Pensive (♩ = 40)

40

Pno.

Cmp.

49

Pno.

leave space, adjust timing to react to the electronic processing (until "D")

Cmp.

54

Pno.

Cmp.

② *whispvox*

58

Pno.

Cmp.

61

Pno.

Cmp.

65

Pno.

Cmp.

③ *whispvox* >

68

Pno.

Cmp.

4) whisper

D Capricious (♩ = 76)

73

Pno.

Cmp.

5) whisper > 6) scue 7) pinger

77

Pno.

Cmp.

8) nsine 9) ztrig

like a clock winding down
rit. ----- a tempo rit. -----

81

Pno.

Cmp.

10) ztrig off 11) capture/sus 12) grain fade, zsynth

Pno.

Cmp.

84 (13) * Led. (14) p zsynth off, grain 0 (15) *

Pno.

Cmp.

88 (16) pinger (17) ztrig nsine *

Pno.

Cmp.

91 (18) fades Led. (19) scue (20) *

E Introspective, becoming expansive (♩ = 40)

Pno.

Cmp.

96 (21) fades switch qlist --> scene 3 (1) vego

103

Pno.

Cmp.

Detailed description: This system covers measures 103 to 107. The piano part features a complex rhythmic pattern with frequent changes in meter: 6/8, 4/4, 4/4, 4/4, and 6/8. It includes triplets and slurs. The composer part shows the corresponding chord changes and rests for each measure.

108

Pno.

Cmp.

Detailed description: This system covers measures 108 to 111. The piano part continues with complex rhythms, including 6/8, 4/4, 6/8, and 7/8. It features triplets and slurs. The composer part shows the corresponding chord changes and rests.

112

Pno.

Cmp.

Detailed description: This system covers measures 112 to 115. The piano part features complex rhythms with 7/8, 6/8, 3/4, 6/8, and 4/4 meters. It includes slurs and dynamic markings. The composer part shows the corresponding chord changes and rests.

116

Pno.

Cmp.

② pinger, ztrig ③ vego fade, ztrig 0 whispervox

Detailed description: This system covers measures 116 to 119. The piano part features complex rhythms with 4/4, 2/4, 2/4, and 2/4 meters. It includes slurs and dynamic markings. The composer part includes performance instructions: '② pinger, ztrig', '③ vego fade, ztrig 0', and 'whispervox'.

119

Pno.

Cmp.

4 ztrig

123

Pno.

Cmp.

(♩ = 60) ← = ♩⁶ → (♩ = 40)

5 ztrig 0, pinger 0

125

Pno.

Cmp.

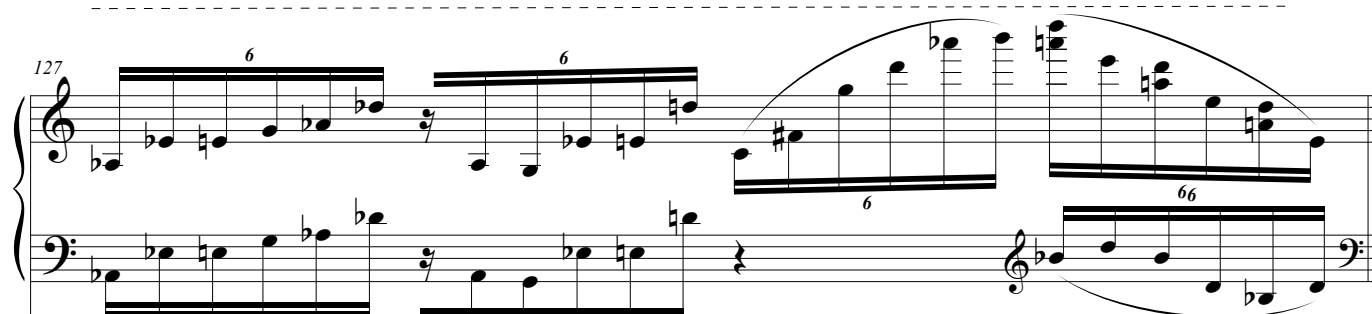
accel.

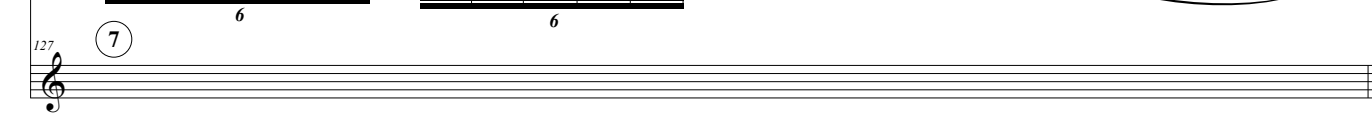
126

Pno.

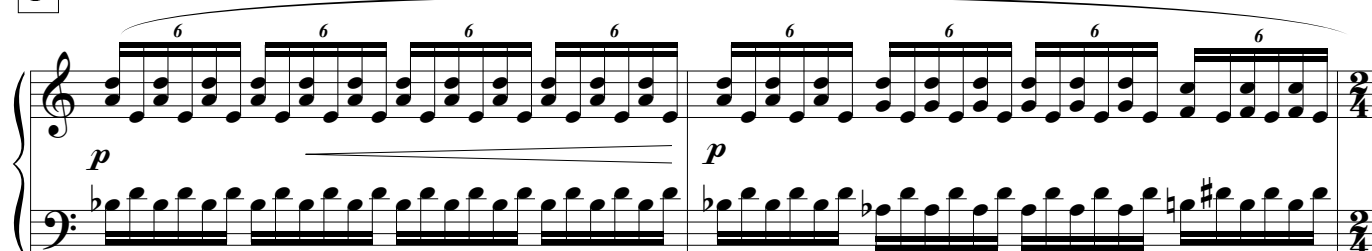
Cmp.

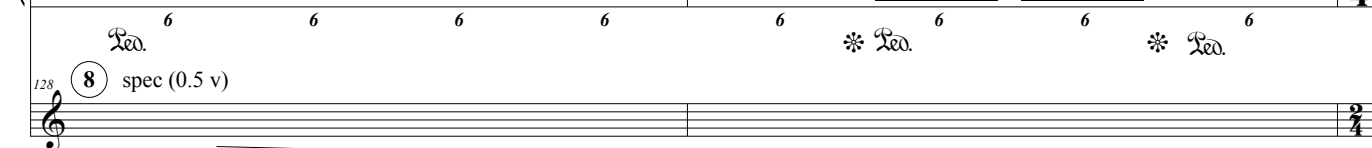
6

Pno. 

Cmp. 


F Trembling (♩ = 100)


Pno. 

Cmp. 

Pno. 

Cmp. 

Pno. 

Cmp. 

Pno. *p*

Cmp. *ff* (10) cantus gen

Measures 135-140: Piano accompaniment with sixteenth-note chords and sixths. Compline part with a circled '10' and 'cantus gen' marking. Includes 'Leo.' markings and a trill.

Pno. *p*

Cmp. *ff*

Measures 137-142: Piano accompaniment with sixteenth-note chords and sixths. Compline part with a trill and a circled '3'.

Pno.

Cmp. *ff*

Measures 139-144: Piano accompaniment with sixteenth-note chords and sixths. Compline part with a trill and a circled '3'.

Pno. *ff*

Cmp.

Measures 140-145: Piano accompaniment with sixteenth-note chords and sixths. Compline part with a trill and a circled '3'.

Pno. *p* *Ad.* 6 6 6 6

Cmp. (11) cantus gen 2

Pno. 6 * *Ad.* 6 6 * 6 6 6 6

Cmp. 142

Pno. *ff* 3 3 *p* 6 6 6 6

Cmp. 144

Pno. *ff* 3 3 *p* 6 6 3 6 6 3

Cmp. (12) cantus gen 3

149

Pno.

Cmp.

150

Pno.

Cmp.

153

Pno.

Cmp.

156

Pno.

Cmp.

158

Pno. *sfz* *ff*

Cmp.

160

Pno. [freeze]

Cmp. revvox

161

Pno. *ff*

Cmp. 13 14 cantus gen 4

163

Pno.

Cmp.

Pno.

Cmp.

165

15 whispvox

Lea.

*

Lea.

*

Pno.

Cmp.

168

Pno.

Cmp.

169

Pno.

Cmp.

170

Lea.

16

17 pcontrols 0

fades

G

Languid (♩ = 45)

Pno. *mp* *cantando*

173

174

Cmp.

18 switch qlist --> scene 4 (electronics TACET)

Pno.

175

176

Pno.

Cmp.

Pno.

177

178

Pno.

Cmp.

179 **H** Hot-wired (♩ = 174)

Pno.

Pno.

Cmp.

179 *pp* *ff*

♩.o.

① *

groove gen prep groove gen SET 1 (typical output)

184 [SET 1] *

proceed ad lib. → *f*

184 groove gen simili . . . groove generator continues →

Pno.

Cmp.

190

190

* performance note: material for each "SET" section can be performed flexibly, adding rests, repeating material, or using material as a basis for improvisation. Cue computer operator for transition to next "SET". (The "groove generator" continues under all SETs.)

196

Pno.

Cmp.

cue computer operator for next set

203 [SET 2]

Pno.

Cmp.

2 groove gen SET 2

208 [SET 3]

Pno.

Cmp.

cue computer operator for next set

3 groove gen SET 3

215 [SET 4]

Pno.

Cmp.

cue computer operator for next set

4 groove gen SET 4, notegen poly on +7

222

Pno.

cue computer operator for next set

* Lea. * Lea. *

Cmp.

222

230 [SET 5]

Pno.

place chords with irregular timing, varying durations, varying rests

Lea. + scue *

Cmp.

230 ⑤ groove gen SET 5, notegen poly on +8

237 [SET 6]

Pno.

cue computer operator for next set

cue computer operator for next set

Cmp.

237 ⑥ groove gen SET 6, notegen poly on +11

243 [SET 7]

Pno.

cue computer operator for next set

Cmp.

243 ⑦ groove gen SET 7, notegen poly on +12

⑧ scue

249

Pno. *fff* (forearm cluster)

Cmp. 9 scue 10 11 12 fades

I Calm and still

257

Pno. *pp* duration of each fermata ad lib.

Cmp. 13 vexation OPTION + s

Lea. * Lea. * Lea.

J Slower (♩ = 50)

266

Pno. *mf* [3]

Cmp. 14 15 mobius -9

Lea. * Lea. *

275

Pno. *p* *pp* *mf* [3]

Cmp. 275

Lea. * Lea. * Lea.

