

BRAINSTAVES

for string quartet and EEG

Cliff Kerr | May 2019

A As if you are a brain in a vat (sonoro, ♩ = 104)

Bring out the melody as you build up the chord

First system of musical notation for string quartet (VI, VII, Va, Vc) and EEG. The score is in 4/4 time with a tempo of 104 beats per minute. The EEG part is represented by a single line with a series of pulses. The string parts (VI, VII, Va, Vc) are in 4/4 time. The VI part starts with a whole note G4, followed by a whole note A4, and then a whole note B4. The VII part starts with a whole note G3, followed by a whole note A3, and then a whole note B3. The Va part starts with a whole note G2, followed by a whole note A2, and then a whole note B2. The Vc part starts with a whole note G1, followed by a whole note A1, and then a whole note B1. The EEG part starts with a series of pulses, followed by a series of pulses, and then a series of pulses. The dynamics are pppp for the strings and p for the EEG.

10

As if rising and falling on an ocean swell

Falling off the edge of a...

Second system of musical notation for string quartet (VI, VII, Va, Vc) and EEG. The score is in 4/4 time. The VI part starts with a whole note G4, followed by a whole note A4, and then a whole note B4. The VII part starts with a whole note G3, followed by a whole note A3, and then a whole note B3. The Va part starts with a whole note G2, followed by a whole note A2, and then a whole note B2. The Vc part starts with a whole note G1, followed by a whole note A1, and then a whole note B1. The EEG part starts with a series of pulses, followed by a series of pulses, and then a series of pulses. The dynamics are pppp for the strings and p for the EEG.

19 **B** Evolving from sweet to insane (poco a poco crescendo e agitato, ♩ = ♩, ♩ = 104)

VI *p*

VII *pp pizz.*

Va *pp pizz.*

Vc *pp pizz.*

26 Sweet and lyrical, like a fine stream of honey, but gradually getting louder too

VI *mp*

VII *p* *mp*

Va *p* *mp*

Vc *p* *mp*

30

VI *mf*

VII *mf*

Va *mf*

Vc *mf*

33

VI *f*

VII *f*

Va *f*

Vc *f*

36

VI *ff*

VII *ff*

Va *ff*

Vc *ff*

38

VI

VII

Va

Vc

39

VI *pizz.*

VII

Va

Vc

♩ = 104

ff

ff

ff

ff

42 **C** Annoyed, angry, ugly, but gradually relaxing
(poco a poco diminuendo e normale)

VI *ff* arco, sul pont.

VII *ff* arco, sul pont.

Va *ff* arco, sul pont.

Vc *ff* arco, sul pont.

44

VI

VII

Va

Vc

46

VI *f*

VII *f*

Va *f*

Vc *f*

48

VI

VII

Va

Vc

50

VI *mf* *mp*

VII *mf* *mp*

Va *mf* *mp*

Vc *mf* *mp*

52

VI *p*

VII *p*

Va *p*

Vc *p*

55

VI *pp*

VII *pp* *f*

Va *pp*

Vc *pp*

61

Furtively (razor-sharp onset and offset)

VI *ppp*

VII *ppp*

Va *ppp*

Vc *ppp*

63 **D** Drunk; sempre glissando; lean into the glissandi (and lean for real, as if drunk); poco a poco crescendo

VI *ppp*

VII *ppp*

Va *ppp*

Vc *ppp*

70

VI *pp*

VII *pp*

Va *p*

Vc *p*

75

VI *mp*

VII *mp*

Va *mf*

Vc *mf*

79

VI *f*

VII *f*

Va *f*

Vc *f*

84 **E** Like an echo in an empty train station, but the train is coming (sternly; poco a poco crescendo)

VI *ppp*

VII *ppp*

Va *ppp*

Vc *ppp*

91

VI *ppp* *pp* *p* *mp*

VII *ppp* *pp* *p* *mp*

Va *ppp* *pp* *p* *mp*

Vc *ppp* *pp* *p* *mp*

95

VI *mf* *f* *ff* *fff* *ppp*

VII *mf* *f* *ff* *fff* *ppp*

Va *mf* *f* *ff* *fff* *ppp*

Vc *mf* *f* *ff* *fff* *ppp*

arpeggiato like crazy

non arpeggiato

103 **F** Focused, lyrical; light, whimsical background accompaniment; impassioned solos

VI *pp*

VII *pp*

Va *pp*

Vc *mf*

105

VI

VII

Va

Vc

108

VI *mf*

VII

Va

Vc

111

VI

VII

Va

Vc

114

VI

VII

Va

Vc

mf

mf

This system contains measures 114, 115, and 116. The VI part (Violin I) features a melodic line with various accidentals and a long slur across measures 114 and 115. The VII part (Violin II) begins with a half note and a *mf* dynamic marking, followed by a melodic line. The Va part (Viola) has a complex rhythmic pattern with many eighth and sixteenth notes. The Vc part (Violoncello) has a melodic line with a long slur across measures 114 and 115. A *mf* dynamic marking appears in measure 116 for the Va part.

117

VI

VII

Va

Vc

This system contains measures 117 and 118. The VI part continues its melodic line with a long slur. The VII part has a melodic line with a long slur. The Va part has a melodic line with a long slur. The Vc part has a melodic line with a long slur.

119

VI

VII

Va

Vc

p

This system contains measures 119, 120, and 121. The VI part has a melodic line with a long slur. The VII part has a melodic line with a long slur. The Va part has a melodic line with a long slur and a *p* dynamic marking in measure 120. The Vc part has a melodic line with a long slur.

VI *mp*

VII

Va *p*

Vc *f* pizz., gliss.

126

VI

VII

Va

Vc

130

VI

VII

Va

Vc

133

VI

VII *f* pizz., gliss.

Va *f* pizz., gliss.

Vc

136

VI
VII
Va
Vc

139

VI
VII
Va
Vc

f

143

Stare at each other

VI
VII
Va
Vc

pizz., gliss.

p *ff* *p* *ff*

♩ = 104 Evolving from insane to sweet
(poco a poco diminuendo e rallentando)

147 **H**

VI *ff*

VII *ff*

Va *ff*

Vc *ff*

149

VI *f arco*

VII *f*

Va *f*

Vc *f*

152

VI *mf*

VII *mf*

Va *mf*

Vc *mf*

155

VI *mp*

VII *mp*

Va *mp*

Vc *mp*

158 *Gradually start doing more and more of a glissando in a random direction on each pizz.*

VI *p*

VII *p*

Va *p*

Vc *p*

161

VI *pp* *f*

VII *pp*

Va *pp*

Vc *pp*

166

VI *ppp* *ff* *mp pizz.*

VII *ppp* *ff*

Va *ppp* *ff*

Vc *ppp* *ff*

Smile broadly :D