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# GRADIENT : WAVES (2010)

Jonathan Sokol

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*for Chamber Orchestra*

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## Instrumentation

Flute (dbl. piccolo)

Oboe

B $\flat$  Clarinet (dbl. B $\flat$  Bass Clarinet)

Bassoon

F Horn

C Trumpet – Straight, Cup mutes needed

Trombone – Straight, Cup mutes needed

2 Percussion:

1.) Crotales (2 octaves), Glockenspiel (not shared),  
Bass Drum, Sizzle Cymbal

2.) Vibraphone, Glockenspiel (not shared),  
3Suspended Cymbals (Small, Med, Large), Snare

Harp

Piano

2 Violins

Viola

Violoncello

Double Bass

## Performance Notes

**Duration: 12 minutes**

### Transposed Score

The score is to be played **entirely without** vibrato. There are **no** exceptions and this applies to all applicable instruments. This request is for both clarity in sections with specific tuning (see below) and achieving a particular sonic design.

$\circ\leftarrow/\rightarrow\circ$  : crescendo from/diminish to nothing

$\uparrow/\downarrow$  : highest/lowest note possible.

$\underline{\underline{\quad}}$  : as fast as possible

**ST** : Sul Tasto

**MSP** : Molto Sul Ponticello. **All** sul ponticello passages are **molto**, as close to the bridge as possible!

Boxed-in figures are to be repeated continuously for the length of the ensuing black bar.

The two lowest strings of the harp should both be tuned to D.

All Double Bass harmonics are notated at **sounding** pitch in the score and should not sound an octave lower.

### Quartertone accidentals:

$\flat$	$\flat$	$\flat$	$\natural$	$\sharp$	$\sharp$	$\sharp$
3/4 flat	(flat)	1/4 flat	(natural)	1/4 sharp	(sharp)	3/4 sharp

\*A large majority of the piece follows tuning as found naturally in the overtone series; thus:

Major 3rds and Major 7ths (5<sup>th</sup>, 10<sup>th</sup>, 15<sup>th</sup> and 20<sup>th</sup> partials) should always be “pure” and slightly lowered, 14 cents, indicated as:  $\flat$ ,  $\flat$ ,  $\sharp$

Minor 7ths (7<sup>th</sup> and 14<sup>th</sup> partials) should be “natural” and lowered 31 cents, indicated as:  $\flat$ ,  $\flat$ ,  $\sharp$

\*\*The following system is used to clarify the partial of the fundamental to which any given instrument may belong:

ex,  $\underline{10^{\text{th}}/A}$  : denotes the 10<sup>th</sup> partial of an A fundamental, and must be lowered 14 cents to be tuned correctly.

ex,  $\underline{15^{\text{th}}/D}$  : denotes the 15<sup>th</sup> partial of a D fundamental. This, too, must be lowered 14 cents to be tuned correctly.

# GRADIENT : WAVES

(2010)

Transposed Score

Duration: 12 minutes

Jonathan Sokol (b. 1981)

$\text{♩} = 84$

Flute/Piccolo: non-vibr. always breath tone → ord. *pp* → *mf* > *pp*

Oboe

B♭ Clarinet / Bass Clarinet

Bassoon: non-vibr. always *pp poss.* → *mf* > *pp*

F Horn

C Trumpet

Trombone

Crotales

Percussion 1: *mf*

Percussion 2: Vibes motor off *mf*

Harp: B♭, C, D; E, F♯, G, A *ff*; \*) Harmonics sound 8<sup>va</sup> *mf*

Piano: *ff*; \*) Mute between hammer and pins. + *f*

$\text{♩} = 84$

Violin 1: *f* → *pp* → *pp* → *pp*; ord. → MSP; very slow gliss.

Violin 2: *f* → *pp* → *pp* → *pp*; ord. → MSP; very slow gliss.

Viola: *fff* pizz. *♮*; *pp* non-vibr. always arco; bend; *f* > *pp*

Violoncello: *fff* pizz. *♮*

Double Bass: *fff* pizz. *♮*

1 2 3 4 5 6

\*Matching speeds are not intended!

\*\*Continue repeating the figure, maintain hand position and gliss **very slowly** to m. 8.  
The distance is only a minor 3rd; don't rush!!





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Flute

Oboe

B♭ Clr.

Bsn.

F Hn.

C Tpt.

Tbn. (open)

Perc. 1 (Crotales)

Perc. 2 (Vibes)

Hp.

Pno.

(Ped.)

Vln. 1

Vln. 2

Vla.

Vc.

Db.

7<sup>th</sup>/F#

*p*

non-vibr. always

St. Mute

non-vibr. always

5<sup>th</sup>/F#

open

*mf*

*L.v.*

*f*

*L.v.*

very slow (!) gliss.

*f*

*f*

*f*

II.

*p*

*f*

*p*

*mf*

II.

*f*

*p*

*mf*

21 22 23 24 25 26 27

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11<sup>th</sup>/F# 13<sup>th</sup>/F#

Flute *fp fp fp fpp*

Oboe *mf fp fpp*

B♭ Clr. *fp fp fpp*

Bsn. *mf p*

F Hn. *mf p p ff pp fff*

C Tpt. (st. mute) *mf p pp fff*

Tbn. *f mf p mf ff pp p fff* *bend*

Perc. 1 *L.v. p mf*

Perc. 2

Hp. *mf p L.v. ff*

Pno. *f f* *8va*

(Red)

Vln. 1 *p fpp fpp fff* *14<sup>th</sup>/F# ord. gliss.*

Vln. 2 *p fpp fpp fff* *11<sup>th</sup>/F# 11<sup>th</sup>+13<sup>th</sup>/F# ord. gliss.*

Vla. *p fpp fpp fff* *9<sup>th</sup>/F# ord. gliss.*

Vc. *f mf ff pp*

Db. *f mf ff pp*

28 29 30 31 32 33 34

GRADIENT : WAVES

35 <sup>11<sup>th</sup>/C</sup>

Flute *p* < *f* > *p* *p* < *f* > *p*

Oboe *p* < *f* > *p* *p* < *mf* > *p*

B♭ Clar. *p* < *f* > *p* *p* < *mf* > *p* *mf* < *f* > *p*

Bsn. *p* < *f* > *p* *p* < *mf* > *p* *ffpp* < *f* *p* < *f* *p* < *f* *p* < *f* >

F Hn. *ffpp* < *f* *p* < *f* *p* < *f* >

C Tpt. (st. mute)

Tbn. (st. mute) to St. Mute St. Mute remove mute *mf* < *f* > *p*

Perc. 1 (Crotales) *mf*

Perc. 2 (Vibes) *p*

Hp. *ff* *L.v.* *p*

Pno. *ff* *8va* *f*

Ped.

35 (ord.) → MSP

Vln. 1 *f* *pp* (ord.) → MSP

Vln. 2 *f* *pp*

Vla. *fff* *pizz.♭* *arco bend* *bend* *bend* *bend* *bend* *bend* *fffpp* < *f* > *p* *III.*

Vc. *fff* *pizz.♭* *p* < *f* > *p* *arco bend* *bend* *bend* *mf* < *f* > *p* *pp* < *f* >

Db. *fff* *pizz.♭* *arco bend* *bend* *bend* *mf* < *f* > *p* *f* *pizz.♭*

35 36 37 38 39 40 41

GRADIENT : WAVES

breath tone → ord.

Flute *pp* *f*

Oboe *f*

Bb Clr. *f*

Bsn. *p* *mf* *p*

F Hn. *p* *mf* *p*

C Tpt. (st. mute)

Tbn. (open)

Perc. 1

Perc. 2 *f* *lv.*

Hp. *p.d.l.t.* *f* *lv.*

Pno. *f* *lv.*

(Ped.)

Vln. 1 *very slow (!) gliss.*

Vln. 2 *very slow (!) gliss.!!*

Vla. *IV. III.* *f* *p* *f* *p* *f* *ff* *sub.* *sub.* *very slow (!) gliss.!!*

Vc. *p* *f* *p* *f* *p* *ff* *sub.* *sub.* *very slow (!) gliss.!!*

Db. *arco II.* *f poss.* *mf*

42 43 44 45 46 47

GRADIENT : WAVES

poco accel.

52 ♩ = 96

Musical score for woodwinds, strings, and percussion. The score includes parts for Flute, Oboe, B♭ Clarinet, Bassoon, French Horn, C Trumpet (st. mute), Trombone, Percussion 1 (Crotales), Percussion 2 (Vibes), Harp, and Piano. The score is marked with dynamics such as *mf*, *p*, *fpp*, *ff*, *f*, and *p*. It includes performance instructions like "open", "to St. Mute", and "St. Mute". Fingerings and breath marks are indicated throughout. The tempo is marked "poco accel." and the time signature is 4/4.

poco accel.

52 ♩ = 96

Musical score for strings (Violin 1, Violin 2, Viola, Violoncello, and Double Bass). The score is marked with dynamics such as *mf*, *ff*, *f*, and *ff*. It includes performance instructions like "(MSP)", "ord.", and "8va". The score is marked with "poco accel." and the tempo is marked "52 ♩ = 96".

\*Harmonic glissandi

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11<sup>th</sup>/A (11<sup>th</sup> until m. 63)

Flute *p < ff > p* *ff* *p < ff > p* 3 3

Oboe *p < ff > p* *ff* *p < ff > p* 3 3

B♭ Clar. 7<sup>th</sup>/A (7<sup>th</sup> until m. 63) *p < ff > p* *ff* *p < ff > p* 3 3

Bsn. *p < ff > p* *ff* *p < ff > p* 3 3

F Hn. *f > p* *p < f > p*

C Tpt. (st. mute) *f > p* *p < f > p*

Tbn. (st. mute) *f > p* *p < f > p*

Perc. 1

Perc. 2 *l.v.* *f* *l.v.* *f*

Hp.

Pno. *pp* *8<sup>th</sup>...*

\*) Gliss. freely inside piano, across strings with the flesh of the finger. Work around cross-beams as necessary.

Vln. 1 *very slow (!) gliss.*

Vln. 2 *very slow (!) gliss.*

Vla. *very slow (!) gliss.*

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

Db. *f ff f ff f ff f ff f ff f ff f*

55 56 57 58 59





GRADIENT : WAVES

68  $\leftarrow \text{trill} = \text{trill} \rightarrow (\text{♩} = 144)$

Flute *mf* comfortable, relaxed

Oboe *mf* comfortable, relaxed

B♭ Clr. *mf* comfortable, relaxed

Bsn. *mf* comfortable, relaxed

F Hn. *f* *p* stopped + *p* *ff* *p*

C Tpt.

Tbn. (st. mute) *f* *p* *p* *ff* *p* bend remove mute

Perc. 1 Bass Drum (Hard Mallets) *f*

Perc. 2 (to Sus. Cym.)

Hp. *f* L.v.

Pno. *ff* + *8<sup>va</sup>*

68  $\leftarrow \text{trill} = \text{trill} \rightarrow (\text{♩} = 144)$

Vln. 1 *ffpp* *ffpp* *ffpp* (MSP) *ord.* (III.) *ff* *p*

Vln. 2 *ffpp* *ffpp* *ffpp* *ff* *p* II. III.

Vla. *ffpp* *ffpp* *ffpp* *ff* *p* I.

Vc. *ffpp* *ffpp*

Db. *ffpp* *ffpp* *ord.* *pp*

67

68

69

70

71

GRADIENT : WAVES

Flute

Oboe

B♭ Clar.

Bsn.

F Hn.

C Tpt.

Tbn. (open)

Perc. 1

Perc. 2

Hp.

Pno.

Vln. 1

Vln. 2

Vla.

Vc.

Db.

*ff* *p*

*p* comfortable, relaxed

ord. *p* comfortable, relaxed

ord. *p* comfortable, relaxed

72

73

74

75

76

77

78

GRADIENT : WAVES

82

Flute

Oboe

Bb Clr.

Bsn.

F Hn.

C Tpt.

Tbn.

Perc. 1 (Bass Drum)

Perc. 2 (Sus. Cym., to Snare)

Hp.

Pno.

Vln. 1

Vln. 2

Vla.

Vc.

Db.

82

79 80 81 82 83 84 85

GRADIENT : WAVES

Flute *ff*

Oboe *ff*

Bb Clr. *ff*

Bsn. *ff*

F Hn. *p* open *molto fff*

C Tpt. *p* *molto fff*

Tbn. *p* *gliss. molto fff*

Perc. 1 *f*

Perc. 2

Hp.

Pno. *Ped.*

Vln. 1 *mf* *ffpp* *MSP* *ffpp* *ffpp*

Vln. 2 *mf* *ffpp* *MSP* *ffpp* *ffpp*

Vla. *f*

Vc. *f comfortable, relaxed*

Db. *p* *gliss. molto fff*

86 87 88 89 90 91



GRADIENT : WAVES

10<sup>th</sup>/C

Flute

Oboe

Bb Clr.

Bsn.

F Hn.

C Tpt.

Tbn.

Perc. 1

Perc. 2

Hp.

Pno.

Vln. 1

Vln. 2

Vla.

Vc.

Db.

*mf*

*p static*

*pp*

*molto*

*gliss.*

to Glock

to Vibes

*Red.*

arco

7<sup>th</sup>/C

IV.

*mf static*

*pp*

99 100 101 102 103 104 105

GRADIENT : WAVES

Flute *mf*

Oboe *mf*

Bb Clr. *mf*

Bsn. *ff* *p*

F Hn. *fff* *5<sup>th</sup>/A* *ff* *p*

C Tpt. *fff* *7<sup>th</sup>/A* *ff* *p*

Tbn. *fff* *ff* *p*

Perc. 1 (to Glock)

Perc. 2 *mf* Vibes *Red. →*

Hp. *mf* Bb, C, D E, F# G, A

Pno. *ff*

Vln. 1 (MSP) *f*

Vln. 2 (MSP) *f*

Vla. *fff* pizz. *arco* *f*

Vc. *fff* pizz. *arco*

Db. *fff* *ff* *p*

106 107 108 109 110 111

GRADIENT : WAVES

112

Flute *to Piccolo* *Piccolo* *mf*

Oboe

B♭ Clar.

Bsn. *5<sup>th</sup>/C* *p* *ff* *p* *p* *ff*

F Hn. *7<sup>th</sup>/C* *p* *ff* *p* *p* *ff*

C Tpt. (st. mute) *9<sup>th</sup>/C* *p* *ff* *p* *p* *ff*

Tbn. *p* *ff* *p* *p* *ff*

Perc. 1

Perc. 2

Hp.

Pno. *mf* *Ped.*

112

Vln. 1 *7<sup>th</sup> + 9<sup>th</sup>/A* *ord.* *p* *ff* *p*

Vln. 2 *ord. I.* *p* *ff* *p*

Vla.

Vc. *5<sup>th</sup>/A* *arco* *p* *ff* *p*

Db. *p* *ff* *p*

112 113 114 115 116 117 118



GRADIENT : WAVES

The musical score is arranged in systems. The first system includes Piccolo, Oboe, B♭ Clarinet, and Bassoon. The second system includes Flute, C Trumpet (cup mute), and Trombone. The third system includes Percussion 1 and Percussion 2. The fourth system includes Harp. The fifth system includes Piano. The sixth system includes Violin 1, Violin 2, Viola, Violoncello, and Double Bass. The score features various musical notations such as slurs, dynamics (mf, p, ff sub.), and performance instructions like 'Glock' and 'Ped.'.

126

127

128

129

130

131

132



GRADIENT : WAVES

to Flute

*p*

timbral *tr*

*p*  $\leftarrow$  *ff*  $\rightarrow$  *p*

*p*  $\leftarrow$  *ff*  $\rightarrow$  *p*

*mf*

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

*mf* *ff* *p*

*p*  $\leftarrow$  *ff*  $\rightarrow$  *p*

*p*  $\leftarrow$  *ff*  $\rightarrow$  *p*

140

141

142

143

144

145

146

GRADIENT : WAVES

Picc.

Oboe

Bb Clr.

Bsn.

F Hn.

C Tpt.  
(cup mute)

Tbn.

Perc. 1  
(Glock.)

Perc. 2  
(Glock.)

Hp.

Pno.

Vln. 1

Vln. 2

Vla.  
(MSP) 1.

Vc.

Db.

147 148 149 150 151 152 153

GRADIENT : WAVES

155

Picc. *pp distant* Flute

Oboe

Bb Clr.

Bsn. *pp distant*  
*timbral tr*  
*p* *ff* *p*

F Hn.

C Tpt. (cup mute) *pp distant* Cup Mute

Tbn. *p* *ff* *p*

Perc. 1 *pp* *l.v.* to Sizzle Cymbal (w/ sticks)

Perc. 2 *pp* *l.v.* to 3 Sus. Cym. (soft mallets)

Hp. *pp* *pp* *8va*

Pno. *p* *pp* *15ma* *l.v.*

*Red →*

155

Vln. 1 *p*

Vln. 2 *p*

Vla. *p*

Vc. *p*

Db. *p*

154

155

156

157

158

159

160

GRADIENT : WAVES

Flute

Oboe

B♭ Clr.

Bsn.

F Hn.

C Tpt. (cup mute)

Tbn.

Perc. 1 (to Sizzle Cymbal)

Perc. 2 (to 3 Sus. Cym.)

Hp.

Pno.

Vln. 1

Vln. 2

Vla.

Vc.

Db.

161

162

163

164

165

166

167

GRADIENT : WAVES

Flute *pp distant*

Oboe

B♭ Clr. *pp distant*

Bsn. *pp distant*

F Hn. *p* *7<sup>th</sup>/C* *mf* *p*

C Tpt. (cup mute) *pp distant*

Tbn. *p* *6<sup>th</sup>/C* *mf* *p*

Perc. 1

Perc. 2

Hp. *l.v.*

Pno. *(Ped.)*

Vln. 1

Vln. 2

Vla.

Vc.

Db.

168

169

170

171

172

173

174

GRADIENT : WAVES

Flute

Oboe

Bb Clr.

Bsn.

F Hn.

C Tpt.  
(cup mute)

Tbn.

Perc. 1  
(to Sizzle Cymbal)

Perc. 2  
(to 3 Sus. Cym.)

Hp.

Pno.

Vln. 1

Vln. 2

Vla.

Vc.

Db.

*pp*

*p*

*mf*

*bend*

175 176 177 178 179 180 181

GRADIENT : WAVES

♩ = 72

Flute

Oboe

Bb Clr.

Bsn.

F Hn.

C Tpt. (cup mute)

Tbn.

Perc. 1

Perc. 2

Hp.

Pno.

Vln. 1

Vln. 2

Vla.

Vc.

Db.

*pp* *p*

*p*

*p*

182 183 184 185 186 187

♩ = 72

GRADIENT : WAVES

188 ← o = ♩ (♩ = 72)

Flute

Oboe

B♭ Clar.

Bsn.

F Hn.

C Tpt. (cup mut.)

Tbn.

Perc. 1 (to Sizzle Cymbal)

Perc. 2 (to 3 Sus. Cym.)

Hp.

Pno.

6<sup>th</sup>/A

10<sup>th</sup>/C

to St. Mute

*pp* *mf*

*pp* *p*

*fp* *pp*

*fp* *pp*

*fp* *pp*

*fp* *pp*

*f*

*f*

*f*

*mf*

Ped.

188 ← o = ♩ (♩ = 72)

Vln. 1

Vln. 2

Vla.

Vc.

Db.

ord. 9<sup>th</sup>/A

ord. 7<sup>th</sup>/A

ord. 5<sup>th</sup>/A

I. ord.

III. ord.

*p*

*p*

*p*

*p*

*p*

188 189 190 191 192 193 194

GRADIENT : WAVES

Flute  
*pp possible* static, non-cresc.

Oboe  
10<sup>th</sup>/C  
*mf*

Bb Clar.  
7<sup>th</sup>/A  
*p < f > p < f > p < f > p < f > p* < *f* > *p*

Bsn.  
6<sup>th</sup>/A  
*p < f > p < f > p < f > p < f > p* < *f* > *p*

F Hn.  
5<sup>th</sup>/C  
*p < f > p < f > p < f > p* < *f* > *p*

C Tpt. (st. mute)

Tbn.  
6<sup>th</sup>/C  
*p < f > p < f > p < f > p* < *f* > *p*

Perc. 1

Perc. 2

Hp.

Pno.  
*mf*  
Ped.

Vln. 1  
7<sup>th</sup>/A  
*< f > p* < *f* > < *f* > *p*

Vln. 2  
6<sup>th</sup>/A  
*< f > p* < *f* > < *f* > *p*

Vla.  
6<sup>th</sup>/C  
*< f > p* < *f* > < *f* > < *f* > *p*

Vc.  
5<sup>th</sup>/C  
*< f* < *f* > < *f* > < *f* > *p*

Db.  
*p*

195 196 197 198 199 200

GRADIENT : WAVES

204

Musical score for measures 201-204. The score includes parts for Flute, Oboe, B♭ Clarinet, Bassoon, F Horn, C Trumpet (st. mute), Trombone, Percussion 1 (to Sizzle Cymbal), Percussion 2 (to 3 Sus. Cym.), Harp, and Piano. The Oboe part features a dynamic range from *p* to *f* with accents. The C Trumpet part includes a *St. Mute 6<sup>th</sup>/A* instruction and dynamic markings from *pp* to *f*. The Harp part has a *D♯ - D♯* chord marked *f* and a *l.v.* instruction. The Piano part is mostly silent.

204

Musical score for measures 201-206. The score includes parts for Violin 1, Violin 2, Viola, Violoncello, and Double Bass. The Violin parts feature dynamic markings from *f* to *p* with accents and hairpins. The Viola part has dynamic markings from *f* to *p*. The Violoncello part has dynamic markings from *ffpp* to *mf*. The Double Bass part has a *ffpp* marking and a note marked *\*) 8va ossia*. Measure numbers 201, 202, 203, 204, 205, and 206 are indicated at the bottom.



GRADIENT : WAVES

216

Musical score for measures 213-216, woodwinds and percussion. The score includes parts for Flute, Oboe, B♭ Clarinet, Bassoon, French Horn, Cor Anglais (st. mute), Trombone, Percussion 1 (Sizzle Cymbal), Percussion 2 (3 Suspended Cymbal), and Harp. The woodwinds play melodic lines with dynamic markings of *p*, *mf*, and *f*. The harp provides accompaniment with *f* and *mf* dynamics. Percussion parts are mostly rests.

216

Musical score for measures 213-217, strings and double bass. The score includes parts for Violin 1, Violin 2, Viola, Violoncello, and Double Bass. The strings play melodic lines with dynamic markings of *p*, *f*, *ff*, and *ffpp*. The double bass provides a bass line with *ffpp* dynamics. The score also includes fingerings and specific notes like 12<sup>th</sup>/D, 13<sup>th</sup>/D, 14<sup>th</sup>/D, and 15<sup>th</sup>/D.

GRADIENT : WAVES

Flute  
Oboe  
B♭ Clr.  
Bsn.  
F Hn.  
C Tpt. (st. mute)  
Tbn.  
Perc. 1  
Perc. 2  
Hp.  
Pno.  
Vln. 1  
Vln. 2  
Vla.  
Vc.  
Db.

17<sup>th</sup>/D  
16<sup>th</sup>/D  
Sizzle Cym. l.v. throughout w/sticks  
3 Sus. Cym. soft mallets, l.v. throughout  
l.v.  
ffmp

*f* *p* *f* *p* *f* *p* *p* *mf* *p* *f* *p*  
*p* *f* *p* *f* *p* *f* *p* *p* *mf* *p sub.* *f* *p* *f*  
*f* *p* *f* *p* *f* *p* *f* *p* *mf* *p* *f*  
*p* *f* *p* *f* *p* *f* *p* *f* *p* *mf* *p* *f* *p* *f* *p*  
*p* *mf*  
*p* *mf*  
*p* *f* *p* *f* *p* *f* *p* *f* *p* *f* *p* *f* *p*  
*pp* *ppoco* *pp*  
*pp* *p*  
*f*  
*mf* *p* *f* *p*  
*ffmp* *mf*

218

219

220

221

222

223

GRADIENT : WAVES

Flute  
Oboe  
B♭ Clr.  
Bsn.  
F Hn.  
C Tpt. (st. mute)  
Tbn.  
Perc. 1 (Szl. Cym.)  
Perc. 2 (3 Sus. Cym.)  
Hp.  
Pno.  
Vln. 1  
Vln. 2  
Vla.  
Vc.  
Db.

224 225 226 227 228

GRADIENT : WAVES

232

232

229                      230                      231                      232                      233

\*The wind glissandi are intended to be rapidly descending scales, not elongated bends.

GRADIENT : WAVES

Flute

Oboe

B♭ Clr.

Bsn.

F Hn.

C Tpt. (st. mute)

Tbn.

Perc. 1 (Szl. Cym.)

Perc. 2 (3 Sus. Cym.)

Hp.

Pno.

Vln. 1

Vln. 2

Vla.

Vc.

Db.

234 235 236 237 238

*ff* *pp* *ff* *pp* *ff* *pp*

*ff* *pp* *ff* *pp* *ff* *pp*

*ff* *pp* *ff* *pp* *ff* *pp*

*p* < *ff* > *p* *p* < *ff* > *p* *p* < *ff* > *p*

*p* < *ff* > *p* *p* < *ff* > *p* *p* < *ff* > *p*

*p* < *ff* > *p* *p* < *ff* > *p* *p* < *ff* > *p*

*p* < *ff* > *p* *p* < *ff* > *p* *p* < *ff* > *p*

*p* < *ff* > *p* *p* < *ff* > *p* *p* < *ff* > *p*

*mf* *mf* *mf*

*ff* *ff* *ff*

*f* *f* *f*

*ff* *pp* *ff* *pp* *ff* *pp*

*ff* *pp* *ff* *pp* *ff* *pp*

*ff* *pp* *ff* *pp* *ff* *pp*

*ffpp* *ffpp* *ffpp* *ffpp* *ffpp*

GRADIENT : WAVES

242 accel.

The musical score for 'GRADIENT : WAVES' starting at measure 242 includes the following parts and markings:

- Flute:** *ff*, *pp* < *ff*, *pp* < *ff*, *p f*, *p f* > *p mf* > *p mf*, *p mf* > *p mf*
- Oboe:** *ff*, *pp* < *ff*, *pp* < *ff*, *p f*, *p f* > *p mf* > *p mf*, *p mf* > *p mf*
- B♭ Clarinet:** *ff*, *pp* < *ff*, *pp* < *ff*, *p f*, *p f* > *p mf* > *p mf*, *p mf* > *p mf*
- Bsn.:** *p* < *ff* > *p*, *p* < *ff* > *p*, *p* < *ff* > *p*
- F Hn.:** *p* < *ff* > *p*, *p* < *ff* > *p*, *p* < *ff* > *p*
- C Tpt. (st. mute):** *p* < *ff* > *p*, *p* < *ff* > *p*, *p* < *ff* > *p*
- Tbn.:** *p* < *ff* > *p*, *p* < *ff* > *p*, *p* < *ff* > *p*
- Perc. 1:** *p* < *f* > *p*, *p* < *f* > *p*, *p* < *f* > *p f sub.*
- Perc. 2:** *mf* 3, *f* 3, *f* 3
- Hp.:** *ff*, *ff*, *ff*, \**ff* > *mf*
- Pno.:** *f*, *f*, *f*, *f*
- Vln. 1:** *ff* > *pp*, *ff* > *pp*, *ff* > *pp*, *f* > *p f* > *p mf* > *p mf*, *p mf* > *p mf*
- Vln. 2:** *ff*, *pp* < *ff*, *pp* < *ff*, *p f* > *p f* > *p mf* > *p mf*, *p mf* > *p mf*
- Vla.:** *ff*, *pp* < *ff*, *pp* < *ff*, *p f* > *p f* > *p mf* > *p mf*, *p mf* > *p mf*
- Vc.:** *ff*, *pp*, *ff*, *pp*, *ff*, *pp*
- Db.:** *ffpp*, *ffpp*, *ffpp*

242 accel.

239

240

241

242

243

\*From here to m. 259, the harp should alternate between the two lowest strings, both tuned to D



GRADIENT : WAVES

(♩ = 120) accel.

Flute  
p fp fp fp fp fp fp fp fp fp fp fp

Oboe  
p fp fp fp fp fp fp fp fp fp

B♭ Clr.  
p fp fp fp fp fp fp fp fp fp

Bsn.  
p ff p

F Hn.  
p ff p

C Tpt. (st. mute)

Tbn.  
bend  
p ff p

Perc. 1

Perc. 2

Hp.

Pno.  
+

(Led.)  
(♩ = 120) accel.

Vln. 1  
p fp fp fp fp fp fp fp fp fp

Vln. 2  
p fp fp fp fp fp fp fp fp fp

Vla.  
p fp fp fp fp fp fp fp fp

Vc.  
bend  
p ff p

Db.  
p ff p

249 250 251 252

GRADIENT : WAVES

(♩ = 144) accel.

Flute  
*fp fp fp fp fp fp fp fp fp*

Oboe  
*fp fp fp fp fp fp fp fp fp*

B♭ Clar.  
*fp fp fp fp fp fp fp fp*

Bsn.  
*p ff p*

F Hn.  
*p ff p*

C Tpt. (st. mute)

Tbn.  
*bend p ff p*

Perc. 1 (to Bass Drum)

Perc. 2 (3 Sus. Cym.)

Hp.

Pno.

(Led.)  
(♩ = 144) accel.

Vln. 1  
*fp fp fp fp fp fp fp fp fp*

Vln. 2  
*fp fp fp fp fp fp fp fp*

Vla.  
*fp fp fp fp fp fp fp fp*

Vc.  
*bend p ff p*

Db.  
*p ff p*

253

254

255

256

GRADIENT : WAVES

259 ♩ = 168 (♩ = 84)

Flute  
*fp fp fp fp fp fp fp fp fp fp fp*

Oboe  
*fp fp fp fp fp*

B♭ Clr.  
*fp fp fp fp fp fp fp fp fp fp fp*

Bsn.  
*p ff p*

F Hn.  
*p ff p*

C Tpt. (st. mute)  
*p ff*

Tbn.  
*p ff*

Perc. 1  
Bass Drum  
*mf pp*

Perc. 2

Hp.  
*ff sub.*

Pno.  
*(Ped.)*

Vln. 1  
*fp fp fp fp fp fp fp fp fp fp*

Vln. 2  
*fp fp fp fp fp fp fp fp fp fp*

Vla.  
*fp fp fp fp fp fp fp fp fp fp*

Vc.  
*fp fp fp fp fp*

Db.  
*mf fp fp fp fp*

257 258 259 260 261

GRADIENT : WAVES

Flute *fpp*

Oboe

B♭ Clar. *To Bass Clar.*

Bsn.

F Hn.

C Tpt. (st. mute)

Tbn.

Perc. 1 (Bass Drum)

Perc. 2 (3 Sus. Cym.)

Hp.

Pno.

Vln. 1 *fp* *fp* *fp* *fp* *fp* *fp* *fp* *fp*

Vln. 2 *fp* *fp* *fp* *fp* *fp* *fp* *fp* *fp* *fp*

Vla. *fp* *fp* *fp* *fp* *fp* *fp* *fp* *fp* *fp*

Vc. *fp* *fp* *fp* *fp* *fp* *fp* *fp* *fp* *fp*

Db. *fp* *fp* *fp* *fp* *fp* *fp* *fp* *fp* *fp*

262 263 264 265 266 267

GRADIENT : WAVES

268

Flute  
*mf*  $\rightarrow$  *pp*

Oboe

B♭ Clar.

Bsn.  
*p*  $\rightarrow$  *ff*  $\rightarrow$  *p*

F Hn.  
*p*  $\rightarrow$  *ff*  $\rightarrow$  *p*

C Tpt. (st. mute)  
*mf*  $\rightarrow$  *pp* to Cup Mute

Tbn.  
*p*  $\rightarrow$  *ff*  $\rightarrow$  *p* to Cup Mute

Perc. 1  
*f*  $\rightarrow$  *p*

Perc. 2 (Sus. Cym. Med.)  
*pp* static (always non-cresc.!).

Hp.  
*f*

Pno.  
*f* +

268 Ped.

Vln. 1  
*fp* *fp* *fp* *fp* *ffpp* *ffpp*

Vln. 2  
*fp* *fp* *fp* *fp* *fp* *ffpp* *ffpp*

Vla.  
*fp* *fp* *fp* *fp* *fp* *ffpp* *ffpp*

Vc.  
*fp* *fp* *fp* *fp* *fp* *ffpp*

Db.  
*fp* *fp* *fp* *fp* *fp* *fp* *ffpp* *ffpp*

268 269 270 271 272 273

GRADIENT : WAVES

Flute

Oboe

B♭ Clar.

Bsn.

F Hn.

C Tpt.  
(cup mute)

Tbn.  
(cup mute)

Perc. 1  
(Bass Drum)

Perc. 2  
(Sus. Cym.)

Hp.

Pno.

Vln. 1

Vln. 2

Vla.

Vc.

Db.

274 *ffpp* 275 *ffpp* 276 *ffpp* 277 *ffpp* 278 *ffpp* 279 *ffpp*

ord.

ord.

GRADIENT : WAVES

(3 + 2)

Musical score for the first system of instruments. The instruments listed are Flute, Oboe, Bass Clarinet (B♭ Clr.), Bassoon (Bsn.), F Horn (F Hn.), C Trumpet (cup mute), Trombone (cup mute), Percussion 1 (Perc. 1), Percussion 2 (Perc. 2), Harp (Hp.), and Piano (Pno.). The score is written in 4/4 time and includes dynamic markings such as *mf* and *pp*. The Flute, Oboe, and Bassoon parts feature five-fingered runs. The Percussion 2 part has a complex rhythmic pattern. The Harp and Piano parts are mostly silent.

(3 + 2)

Musical score for the second system of instruments. The instruments listed are Violin 1 (Vln. 1), Violin 2 (Vln. 2), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The score is written in 4/4 time and includes dynamic markings such as *ffpp*, *ff*, and *pp*. The Violin and Viola parts feature long, sustained notes with some movement. The Violoncello and Double Bass parts have a more rhythmic, walking bass line. The score includes the instruction "ord." (order) for the Violin and Viola parts.

280

281

282

283

284

285

GRADIENT : WAVES

♩ = ♪ = 84

Flute → breath tone to Piccolo

F Hn.

C Tpt. (cup mut)

Tbn. (cup mut)

Perc. 1 (Bass Drum)

Perc. 2 (Sus. Cym.)

Hp.

Pno.

Vln. 1 *pp*

Vln. 2 *ff* *pp*

Vla. *pp* *ff* *pp* → MSP

Vc. *ff* *pp* *ff* *pp* → MSP

Db.

286 287 288 289 290 291 292

GRADIENT : WAVES

293 Static, Hollow ←♩ = ♩→ (♩ = 84)

Flute

Oboe

Bass. Cl.

Bsn.

F Hn.

C Tpt.  
(cup mute)

Tbn.  
(cup mute)

Perc. 1

Perc. 2

Hp.

Pno.

293 Static, Hollow ←♩ = ♩→ (♩ = 84)

Vln. 1

Vln. 2

Vla.

Vc.

Db.

5<sup>th</sup> + 7<sup>th</sup>/E<sub>b</sub>  
ST - flautando

5<sup>th</sup> + 7<sup>th</sup>/G  
ST - flautando

ord. scratch-tone → MSP

ord. scratch-tone → MSP

ord. scratch-tone → MSP

ord. scratch-tone → MSP

293

294

295

296

297

GRADIENT : WAVES

Flute *p* Piccolo

Oboe *p*

Bass. Cl. *mf*  $\rightarrow$  *pp* 5

Bsn. *mf*  $\rightarrow$  *pp* 5

F Hn. *mf*  $\rightarrow$  *pp* 5

C Tpt. (cup mute)

Tbn. (cup mute) *mf*  $\rightarrow$  *pp* 5

Perc. 1 (Bass Drum) *mf*

Perc. 2 (Sus. Cym.)

Hp.

Pno.

Vln. 1 *f*  $\rightarrow$  *p* 5 ST - flautando  $\rightarrow$  MSP

Vln. 2 *f*  $\rightarrow$  *p* 5 ST - flautando  $\rightarrow$  MSP

Vla. ord.  $\rightarrow$  MSP *ff*  $\rightarrow$  *pp*  $\rightarrow$  *ff*  $\rightarrow$  *pp*  $\rightarrow$  *ff*  $\rightarrow$  *pp*  $\rightarrow$  *ff*  $\rightarrow$  *pp*  $\rightarrow$  MSP

Vc. ord.  $\rightarrow$  MSP *ff*  $\rightarrow$  *pp*  $\rightarrow$  *ff*  $\rightarrow$  *pp*  $\rightarrow$  *ff*  $\rightarrow$  *pp*  $\rightarrow$  MSP

Db. pizz. *f*

298 299 300 301 302 303

GRADIENT : WAVES

304

Picc. *p*

Oboe *p*

Bass. Cl. *mf > pp*

Bsn. *mf > pp*

F Hn. *mf > pp*  
Cup Mute

C Tpt. (cup mute) *mf > pp*

Tbn. (cup mute) *mf > pp*

Perc. 1 *f* *p* *p* *mf sub.*

Perc. 2

Hp. *p.d.l.t.* *f* *mf* *p* *pp* *Lv.*

Pno. *f*

*Qed. (to end)*

304

Vln. 1 *ST - flautando* *f > p* *MSP* *p static* *ST - flautando* *f > p*

Vln. 2 *ST - flautando* *f > p* *MSP* *ST - flautando* *f > p*

Vla. *1. ord.* *pp* *f* *ST - flautando* *f > p*

Vc. *ST - flautando* *mf > pp* *MSP* *ST - flautando* *mf > pp*

Db. *(pizz.)* *f* *f*

304 305 306 307 308 309

GRADIENT : WAVES

315

Musical score for Percussion and Harp sections. The score includes staves for Piccolo (Picc.), Oboe, Bass Clarinet (Bass. Cl.), Bassoon (Bsn.), French Horn (F Hn.), Trumpet (C Tpt. cup mute), Trombone (Tbn. cup mute), Percussion 1 (Perc. 1), Percussion 2 (Perc. 2), Harp (Hp.), and Piano (Pno.).

- Picc.:** *p*
- Oboe:** *p*
- Bass. Cl.:** *mf*  $\rightarrow$  *pp* (5:6)
- Bsn.:** *mf*  $\rightarrow$  *pp* (5:6)
- F Hn.:** *mf*  $\rightarrow$  *pp* (5:6)
- C Tpt. (cup mute):** *mf*  $\rightarrow$  *pp* (5:6)
- Tbn. (cup mute):** *mf*  $\rightarrow$  *pp* (5:6)
- Perc. 1 (Bass Drum):** *p*  $\rightarrow$  *f*
- Perc. 2 (Sus. Cym.):** *mf* (scrape w/Triangle Beater to Crotales (w/bow))
- Hp.:** *f* (p.d.l.t.)  $\rightarrow$  *mf*  $\rightarrow$  *p*  $\rightarrow$  *pp* (ord.) *bisb.*  $\rightarrow$  *lv.*
- Pno.:** *f* (+)
- (Ped.)**

315

Musical score for the String section. The score includes staves for Violin 1 (Vln. 1), Violin 2 (Vln. 2), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.).

- Vln. 1:** *pp*  $\rightarrow$  *f*  $\rightarrow$  *p* (ST - flautando 5:6)
- Vln. 2:** *f*  $\rightarrow$  *p* (ST - flautando 5:6)
- Vla.:** *pp*  $\rightarrow$  *f*  $\rightarrow$  *pp* (ST - flautando 5:6)
- Vc.:** *mf*  $\rightarrow$  *pp* (ST - flautando 5:6)
- Db.:** *mf* (pizz.)

310

311

312

313

314

315

GRADIENT : WAVES

The musical score is arranged in systems for the following instruments:

- Picc. (Piccolo)
- Oboe
- Bass. Cl. (Bass Clarinet)
- Bsn. (Bassoon)
- F Hn. (Flute)
- C Tpt. (cup mute) (Trumpet)
- Tbn. (cup mute) (Trombone)
- Perc. 1 (Percussion 1)
- Perc. 2 (Percussion 2)
- Hp. (Harp)
- Pno. (Piano)
- Vln. 1 (Violin 1)
- Vln. 2 (Violin 2)
- Vla. (Viola)
- Vc. (Cello)
- Db. (Double Bass)

Key performance markings include dynamics such as *p*, *mf*, *f*, *pp*, and *ff*, as well as articulation and phrasing instructions like *p.d.l.t.*, *ord.*, *MSP*, and *Lv.*. The score spans measures 316 to 321.

316

317

318

319

320

321

GRADIENT : WAVES

328

Picc. *p*

Oboe *p*

Bass. Cl. *mf* *pp* *mf*

Bsn. *mf* *pp* *mf*

F Hn. *mf* *pp* *mf*

C Tpt. (cup mute) *mf* *pp* *mf*

Tbn. (cup mute) *mf* *pp* *mf*

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

Perc. 2 (Crotales, w/bow) *mf*

Hp. (p.d.l.t.) *f* *mf* *p* *pp* l.v.

Pno. *f*

(Ped.)

328

Vln. 1 ST - flautando *f* *p* *mf* *f* gliss. IV. tr

Vln. 2 ST - flautando *f* *p* *mf* *f* gliss. III. tr

Vla. ST - flautando *mf* *pp* *ff* *p* *mf* I. tr

Vc. ST - flautando *mf* *pp* *mf* *mf* gliss. ST - flautando *mf* sub.

Db. (pizz.) *mf* *mf*

322 323 324 325 326 327 328



GRADIENT : WAVES

340

Picc. *pp* *p*

Oboe *pp*

Bass. Cl. *pp* *mf* *pp*

Bsn. *pp* *mf* *pp*

F Hn. *pp* *mf* *pp*

C Tpt. (cup mute) *pp* *mf* *pp*

Tbn. (cup mute) *pp* *mf* *pp*

Perc. 1 (Bass Drum)

Perc. 2 (Crotales) w/mallet to bow *f* *mf*

Hp. (p.d.l.t.) *f* *mf* *p* *pp* *l.v.*

Pno. *f*

(Ped.)

340

Vln. 1 MSP *f* *p* ST - flautando

Vln. 2 MSP *f* *p* ST - flautando

Vla. MSP *mf* *pp* ST - flautando

Vc. MSP *mf* *pp* ST - flautando

Db.

336

337

338

339

340

341

342

GRADIENT : WAVES

Picc. *pp*

Oboe *pp*

Bass. Cl. *pp*

Bsn. *pp*

F Hn. *pp*

C Tpt. (cup mute) *pp*

Tbn. (cup mute) *pp*

Perc. 1 *mf* → *pp*

Perc. 2 *f*

Hp. *f* *mf* *p* *pp*

Pno. *f*

Vln. 1 *pp*

Vln. 2 *pp*

Vla. *pp*

Vc. *pp*

Db. *mf* *mf* *p*

343 344 345 346 347 348 349