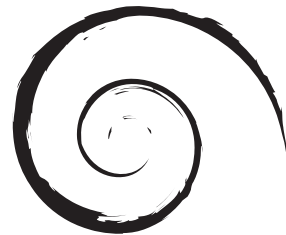


Clarinet in B \flat

Hilmar Thórdarson

Tephra

For Clarinet in B \flat and live Electronics



Støtta av Kulturrådet
Statens kunstnarstipend

CAVE production
creation audio vision environment

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Technical Requirements

Computer

Any type of computer can be used although Mac Book Pro laptop is preferred. It should be able to run Ableton Live digital audio workstation (DAW) and fast enough to do multichannel live sound processing.

Software

Ableton Live/Max4Live

Version 10.1 or later is preferred.

Audio Card

RME is preferred.

Microphones

2 condenser microphones

Preferred to use clip on mics. DPA Microphones d:vote 4099 instrument microphones work very well with their superior gain-before-feedback. They also ensure superior isolation when used on stage.

Loudspeakers

2 positive speakers preferred

Genelec 8040 are preferred, although depending on the size of the concert hall.

Instruction



key slap



key slap with sound



breath and sound



only breath sound



tounge slap



tounge slap and key slap



cresc./dim. from silence

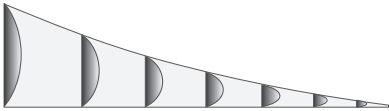


pitch fingering. all fingering are the composers suggestions. If the performer can use different fingering if he finds it gives a better sounding result.

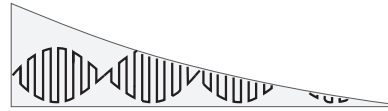
Electronic Signs

Special signs designed specifically to make it easier for the performer to keep track of the accompanist, the electronic sounds of the computer.

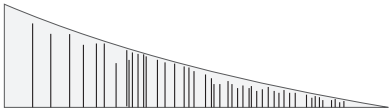
Basic Effects (primary)



Delay (diminuendo)



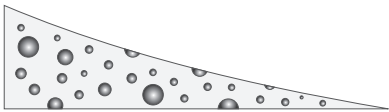
Ring Modulation



Reverb

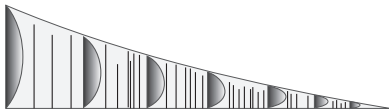


Spectral Filter

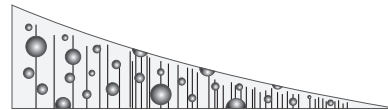


Granular

Combined Effects (2)



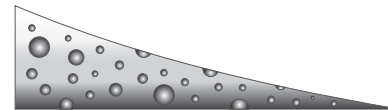
Delay & Reverb



Reverb & Granular



Delay & RingMod



Granular & Spectral



RingMod & Spectral



Reverb & RingMod (crescendo)

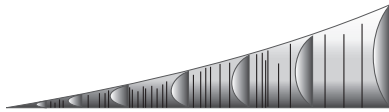
Combined Effects (3)



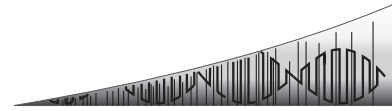
Delay, Reverb & RingMod



Delay, RingMod & Spectral

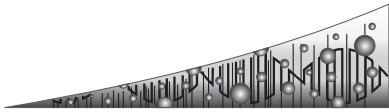


Delay, Reverb & Spectral

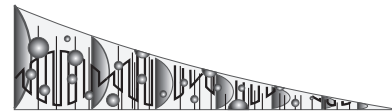


Reverb, RingMod & Spectral

Combined Effects (4)



Delay, Reverb, RM & Spectral



Delay, Reverb, Granular & RM

Combined Effects (5)



Delay, Reverb, Granular & Spectral

Tephra

for Clarinet and Electronics

Hilmar Thórdarson (2020)

suggested fingering
feel free to use a different
for better sonority

♩ = 55

outhale - wind sound
eh →

oh ←

innhale while making clap sound (accel.....rit)

eh → oh eh oh

Clarinet in B \flat

ff

f

f

Electronics

mf

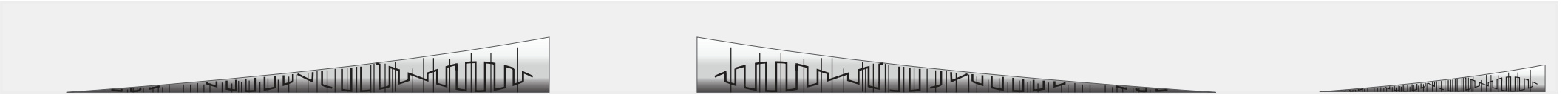
pp

9

mf

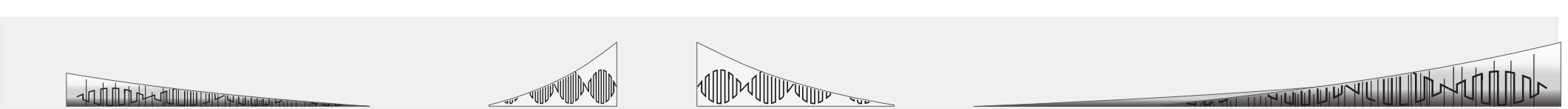
2
18

f



31

mp *f* *pp* **molto accel.** *molto*



41

A tempo *ff* *p* *sfz*



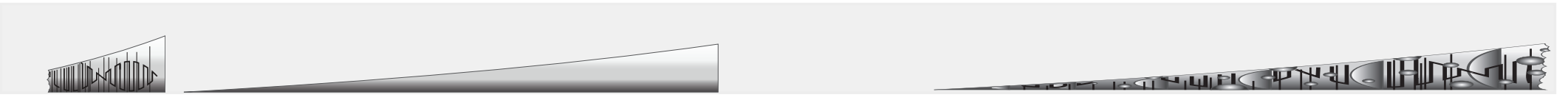
50

sfz *ff* *fff* *sfz* *pp* *sfz*



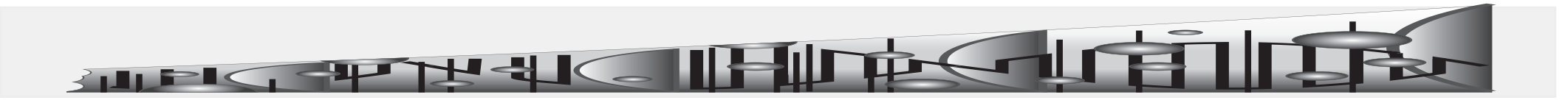
58

sfz *mf* *mp* *sfz* *f* *sfz* *f* *mf*



66

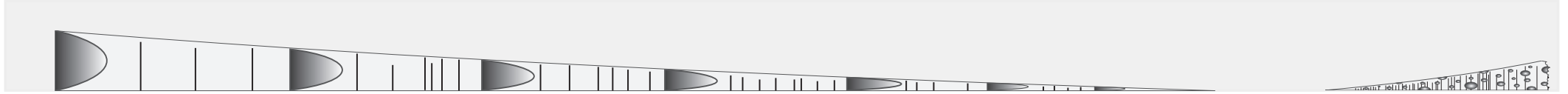
mp *f* *mp* *f* *mp* *poco a poco cresc...* *f*



4 $\text{♩} = 132$
70

pp 3 3 3 3 *p*

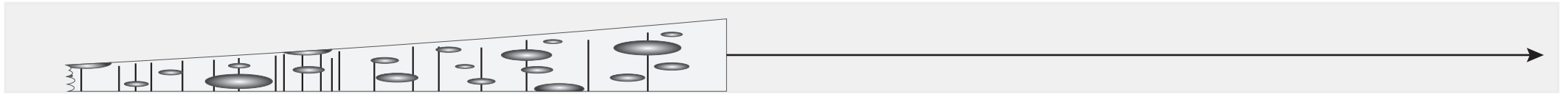
This musical score segment covers measures 70 to 73. It begins with a treble clef, a key signature of one flat (B-flat), and a tempo marking of quarter note = 132. The music consists of eighth-note triplets. Measures 70 and 71 each contain two triplet groups. Measure 72 contains one triplet group followed by a quarter rest. Measure 73 contains one triplet group. The dynamic marking starts at *pp* (pianissimo) and changes to *p* (piano) at the start of measure 73.



74

3 *mp*

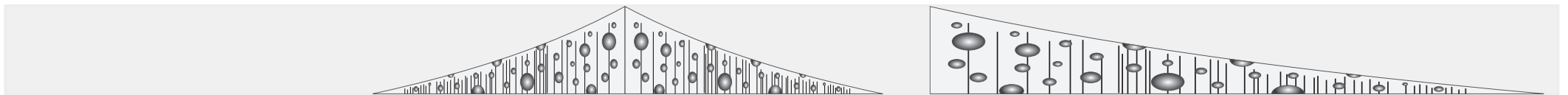
This musical score segment covers measures 74 to 77. It continues with eighth-note triplets. Measure 74 has two triplet groups. Measure 75 has one triplet group followed by a quarter rest. Measure 76 has one triplet group. Measure 77 has one triplet group. The dynamic marking is *mp* (mezzo-piano) throughout this segment.



78

3 *sfz sfz sfz sfz* *p*

This musical score segment covers measures 78 to 81. It continues with eighth-note triplets. Measures 78 and 79 each have two triplet groups. Measure 80 has one triplet group followed by a quarter rest. Measure 81 has one triplet group. The dynamic marking starts with *sfz* (sforzando) for the first triplet groups and changes to *p* (piano) for the second triplet groups.



84

mp 3 3

Senza electronic →

89

mf 3 3

→

94

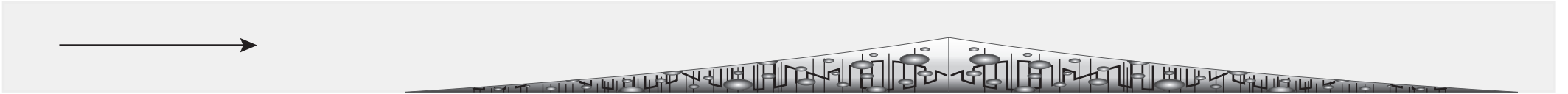
f 3

Senza electronic →

6
101

molto ritardando **A tempo**

fff *p*



108

ff *mf*



116

poco a poco dim...



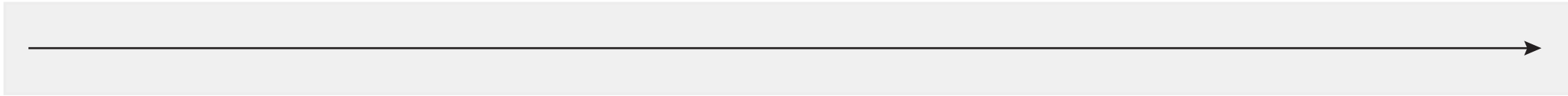
121 *molto rit...*

f



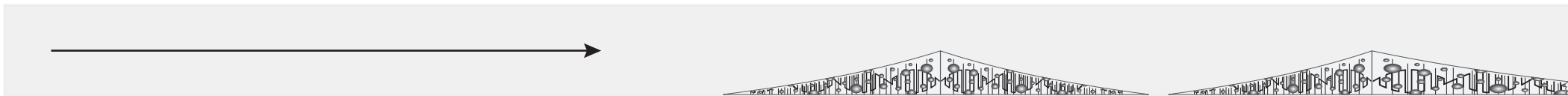
128

ff



133

p



8

139

Musical staff for measures 139-145. The staff begins with a treble clef and a key signature of one sharp (F#). Measure 139 contains a triplet of eighth notes. The piece changes to 6/8 time in measure 140, then to 3/4 time in measure 141, and returns to 6/8 time in measure 142. Measures 143-145 are in 2/4 time and feature a triplet of eighth notes in measure 143. The staff ends with a double bar line.

146

Musical staff for measures 146-151. The staff begins with a treble clef and a key signature of one sharp (F#). Measure 146 is in 2/4 time. Measure 147 is in 3/4 time. Measure 148 is in 4/4 time. Measures 149-151 are in 2/4 time. Dynamic markings include *mp*, *p*, *f*, *p*, *sfz*, *sfz*, *p*, *f*, *sfz*, and *sfz*. The staff ends with a double bar line.

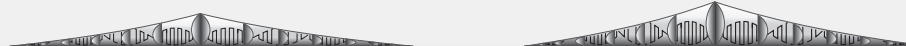
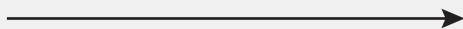
152

Musical staff for measures 152-158. The staff begins with a treble clef and a key signature of one sharp (F#). Measures 152-154 are in 2/4 time. Measure 155 is in 3/4 time. Measures 156-158 are in 2/4 time and feature triplets of eighth notes in measures 156, 157, and 158. A *pp* dynamic marking is present in measure 155. The staff ends with a double bar line.

159

3

Senza electronic



166

f *p subito* *f* *p subito* *f* *p* *f* *p* *f*



171

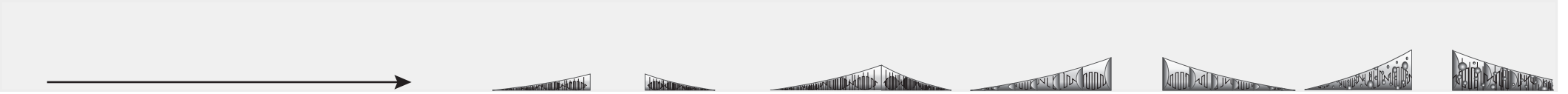
p *f* *p* *f* *p* *f* *p* *f* *p*

Senza electronic



10
178

Musical notation for measures 178-183. The notation is on a single staff in treble clef. It features a sequence of eighth and sixteenth notes with various dynamics: *f*, *p*, *f*, *p*, *f*, and *p*. There are also accents and slurs over some notes.



184

Musical notation for measures 184-190. The notation is on a single staff in treble clef. It includes a triplet of eighth notes in measure 184. Dynamics include *f*, *f*, *p*, *f*, *sfz*, *p*, *sfz*, *sfz*, and *p*. There are also accents and slurs.



191

Musical notation for measures 191-196. The notation is on a single staff in treble clef. Dynamics include *pp* and *ppp*. There are accents and slurs over notes.



♩ = 48

197 Molto lirico

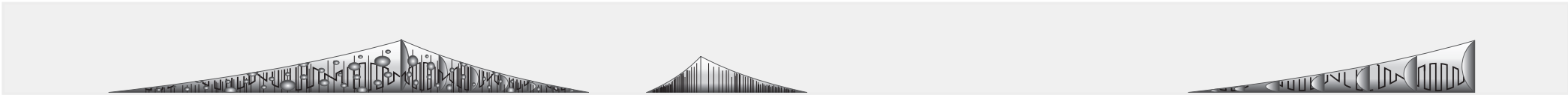
Musical score for measures 197-203. The notation includes a treble clef, a key signature of one flat, and a 3/4 time signature. The music features a melodic line with various dynamics: *mf* at the start, *f* and *p subito* in the middle, and *mf* and *f* towards the end. There are several triplet markings (3) and a fermata over a note in measure 203. A large, shaded, trapezoidal graphic is positioned below the staff, representing a dynamic contour that rises to a peak in measure 200 and then descends.

Musical score for measures 204-212. The notation includes a treble clef, a key signature of one flat, and a 3/4 time signature. The music features a melodic line with dynamics: *p* at the start, *sfz*, *f*, and *ff* in the middle, and *sfz p subito* towards the end. There are triplet markings (3) and a fermata over a note in measure 212. A large, shaded, trapezoidal graphic is positioned below the staff, representing a dynamic contour that rises to a peak in measure 208 and then descends.

Musical score for measures 213-220. The notation includes a treble clef, a key signature of one flat, and a 3/4 time signature. The music features a melodic line with dynamics: *mp* at the start, *mf* in the middle, and *mp* and *p* towards the end. There are triplet markings (3) and a quintuplet marking (5). A large, shaded, trapezoidal graphic is positioned below the staff, representing a dynamic contour that rises to a peak in measure 215 and then descends.

12
221

Musical notation for measures 12-21. The notation includes a treble clef, a key signature of one sharp (F#), and a 3/4 time signature. The melody consists of eighth and sixteenth notes, with several triplet markings. Dynamic markings include *mf*, *sfz*, *f*, *p*, *mf*, *f*, and *p*.



228

Musical notation for measures 228-237. The notation includes a treble clef, a key signature of one sharp (F#), and a 3/4 time signature. The melody consists of eighth and sixteenth notes, with triplet and quintuplet markings. Dynamic markings include *f*, *p*, *sfz*, *f*, and *pp*.

