

Jorge Gómez Elizondo

Flugbahn

For piano, percussion, video and objects

2021/2023

Das Stück wurde mit freundlicher Unterstützung des Bundesministeriums
Kunst, Kultur, öffentlicher Dienst und Sport komponiert.

Flugbahn

Indications

Setup Piano

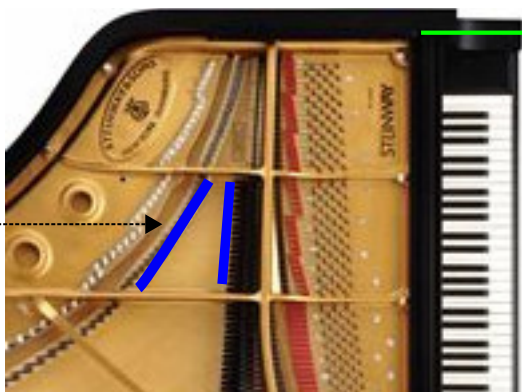
- 1 Bicycle with gears (set upside down for spinning wheel letting gears sound)
- 2 E-bows
- Metal brush mallet
- 1 heavy glass cup
- Pedal with woodblock sound
- Bow or similar for whipping the air (WOOSH! sound)
- 3 hexbugs NANO
- 3 - 4 fidget spinners
- 1 vibrator
- superball mallet with long metal handle
(for ricochet sounds against the frame)
- superball mallet
- glass bottle with ribbed bottom
- 1 large piece of rubber, like a small tire
- 1 "Boom whacker"
- 2 key weights for E-bow
- 1 singing bowl

Technical setup

- Beamer
- Stereo PA
- Clicktrack output (wireless in ear)
- 1 Contact Microphone
- 4 DPA Microphones
- 1 Condensor Microphone

Preparations

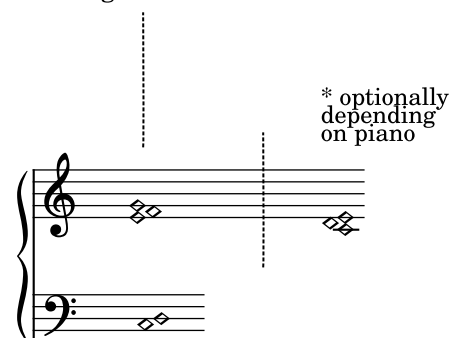
- Patafix fixed on indicated points (dampened region)
- Metal stick gaffed to the side of the piano for richochet sound



Magnets



"bell like" sounding preparations with magnets



Setup Percussion

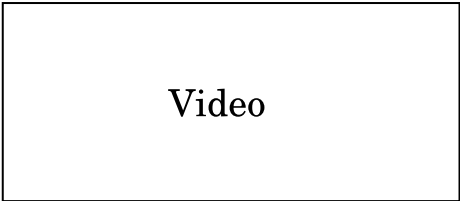
- 1 bicycle with gears (set upside down for spinning the back wheel letting gears sound)
- 2 rototoms (6" and 8")
- Light switch sound
- 2 resonant metal plates
- Low pitched crotal
- Snare drum
- Metal keys, coins (for prepared snare drum)
- (objects should vibrate strongly when bowing crotal directly on snare drum)
- Foot bellow
- Pedal (attached to dry woodblock sound)
- Bow
- Plastic stick
- Ribbed Stick
- Thin mallet for bicycle spokes (1 plastic, 1 metal kebab stick)
- 1 changeover ratchet gaffed to resonant table
- 1 Metal bucket with large sponge + water
- Vibrator
- 1 hexbug
- 1 fidget spinner
- 1 “Boom whacker”

V ▢

tip of stick
(less on table)

larger portion of
stick on table

Disposition



Piano

Percussion

Flugbahn

dedicated to Jennifer Torrence and Ellen Ugelvik

Jorge Gómez Elizondo
2021 / 2023

$\text{♩} = 60$


12" \oplus Extremely muffled preparation of octave

Piano

② ④ ⑥

ff

Percussion

 Moving wheel very slowly now and then touching spokes with fingers softly.

(mf)



26" 40"

Pno.

⑧ ⑩ ⑫

ff *ff*

Perc.

 (simile) *(mf)*  *(mf)*

50"

Pno.

⑭ ⑯ ⑰

ff

Prepared string

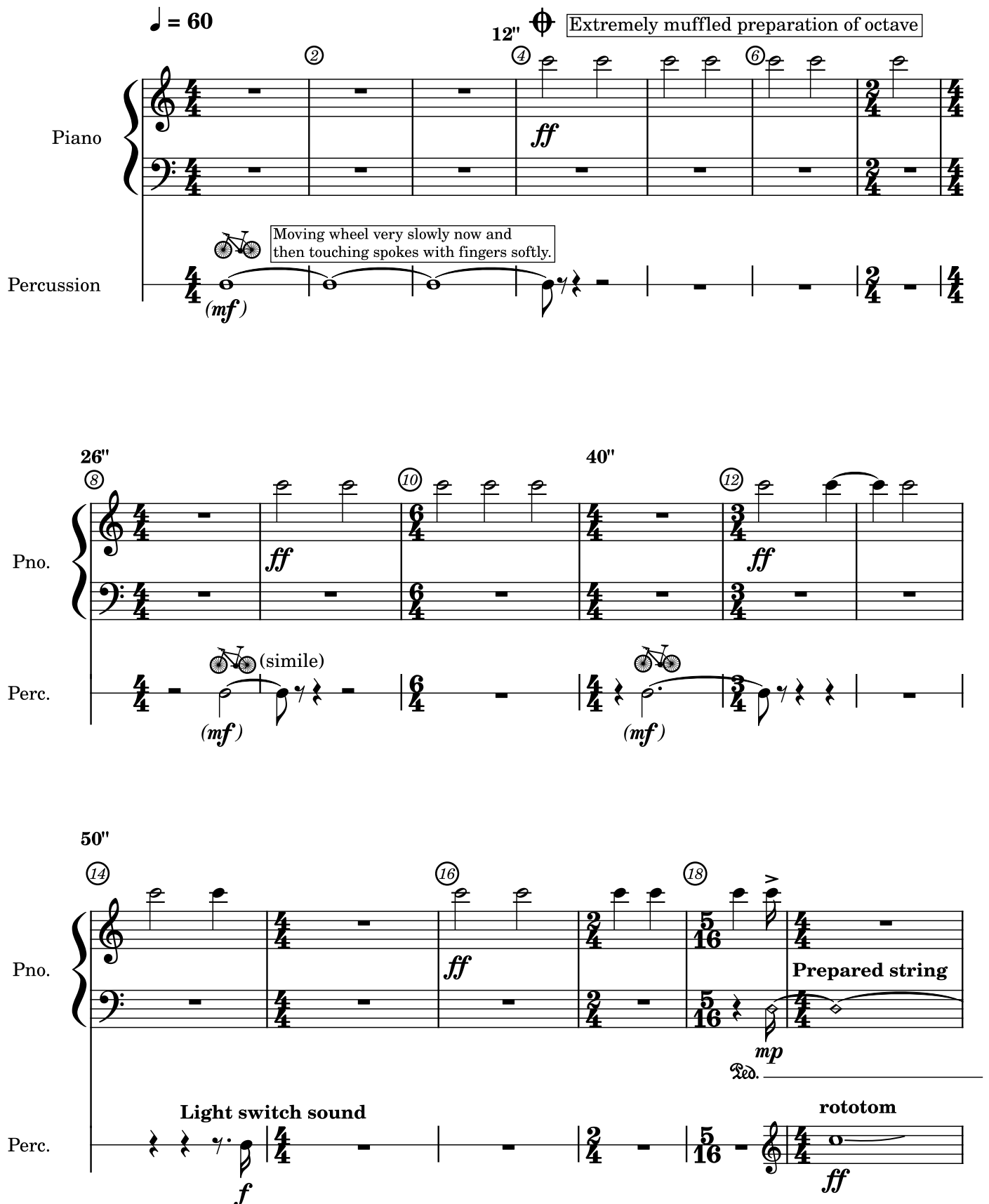
mp

red.

Perc.

Light switch sound *f*

rototom *ff*



Detailed description: The score is for a piece titled 'Flugbahn' by Jorge Gómez Elizondo, dedicated to Jennifer Torrence and Ellen Ugelvik. It is in 4/4 time with a tempo of 60 beats per minute. The score is divided into three systems. The first system (measures 1-7) features a Piano part with a treble clef and a bass clef, and a Percussion part. The Piano part has a key signature of one sharp (F#) and a time signature of 4/4. The Percussion part has a key signature of one sharp (F#) and a time signature of 4/4. The second system (measures 8-13) features a Piano part with a treble clef and a bass clef, and a Percussion part. The Piano part has a key signature of one sharp (F#) and a time signature of 4/4. The Percussion part has a key signature of one sharp (F#) and a time signature of 4/4. The third system (measures 14-18) features a Piano part with a treble clef and a bass clef, and a Percussion part. The Piano part has a key signature of one sharp (F#) and a time signature of 4/4. The Percussion part has a key signature of one sharp (F#) and a time signature of 4/4.

The musical score for 'The Great Wall of China' features two staves: Piano (Pno.) and Percussion (Perc.). The Pno. staff is in treble and bass clef, with a key signature of one sharp (F#). The Perc. staff is in treble clef. The score is divided into measures by bar lines, with time signatures of 2/4, 5/16, and 3/4. The Pno. part includes dynamics such as *f*, *mp*, *ff*, and *mf*, and articulation like 'E-bow'. The Perc. part includes dynamics like *f*, *mp*, *ff*, and *p*, and specific percussion instructions like 'Metal plate' and 'Crotal l.v.'. The score is marked with rehearsal numbers 26, 28, and 30. The overall tempo is 1'30".

1'42"

Spin wheel strongly

Pno.

32

ff

34

(*f*)

Perc.

rototom

mf

ff

Spin wheel strongly

(*f*)

1'56" — Sporadically different notes (always on damped section) **on beat** 3

Pno.

(36)

mp *f* *mp*

Metal brush on the pegs

f *p*

Perc.

Thin mallet on spokes (plastic)

mp *f* *mp*

rototom

mp

2'06" (Wheel still spinning)

A Rub with heavy glass cup after attack producing high pitch (left hand)

Pno.

(38) (40) (42)

ff *p* *mf* *f*

E-bow

Metal plate *l.v.* *gently* *rototom* *gliss.* *gliss.*

ff *p* *mf* *f*

2'26"

gently

Pno.

Perc.

44

ff

mf

Prepared (with magnets)

mf

gliss.

mp

ff

mf

2'36"

Pno.

Perc.

46

f

ff

mf

Preparation

mp

ff

mf

Letting snares vibrate or something similar rattling with vibrations of plate

(near snare) metal plate

Ratchet fixed on resonant surface

changeover ratchet

2'43" 5

Pno.

50

E-bow

ff

Perc.

l.v.

metal plate

mf

rototom

f *mf*

gliss.

2'55" 54

Pno.

52

Prepared (with magnets)

mf

p

Perc.

metal plate

l.v.

gliss.

ff *mp*

l.v.

slowly and continuous

3'07"

Pno.

3 *mp*

56 58

metal plate near snare

Perc.

Spin wheel very strongly

(fff)

3'24"

Pno.

60

fff

Following the speed of the wheel only on muted strings

Octave register filtering to one pitch very gradually

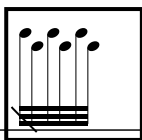
Perc.

Moving needle across the spokes, without slowing wheel down, loud

(fff)

3'32"

62



64

7

Pno.

Whispering near the microphone imitating
sound of spokes, filtering with different vowels

Voice



pp *sffz* *p*

p *sffz mp* *pp*

prepared

mf

Perc.

Voice

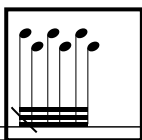
*pp**sffz**pp*

Whispering near the microphone imitating
sound of spokes, filtering with different vowels

3'44"

66

68



Slowing down with the
sound of the wheel

Pno.

*mp**p**f*

slower

p

mf

Perc.

*mp**p**f*

slower

p

Whisper + Foot bellow

(f)

4'04"

Getting much slower
reducing to one pitch

(70)

(72)

(Wheel may keep spinning slowly)

Pno.

p

Metal brush on pegs, constant

mf

Separating beater from spokes
now and then, gradually altogether

Perc.

slowly
(♩)

p
Whisper + foot bellow
freely, now and then

(Wheel may keep spinning slowly)

4'20"

(74)

(76)

(78)

Pno.

ppp

ppp

Metal brush on pegs, constant

Perc.

slowly
(♩)
p

Whisper + foot bellow
freely, now and then

ppp

ppp

4'40"

Pno.

(80) (82) (84)

Vibrator On Deep Strings

Perc.

vibrator on amplified (or resonant) surface
short buzzes at first

Crotal on prepared snare drum

p

leave on surface

5'04"

Pno.

(86) (88) (90) **E-bow**

Vibrator off (coordinated)

Perc.

l.v.

Vibrator off (coordinated)

ff

C Repetition

Following the speed of the wheel
only on muted strings

5'32" Spin wheel very strongly

Pno.

(*fff*) (*fff*)

Perc.

(*fff*) (*fff*)

Spin wheel very strongly

Moving needle across the spokes,
without slowing wheel down, loud

5'40"

Octave register filtering to one
pitch very gradually

Pno.

(94) (96)

Whispering near the microphone imitating
sound of spokes, filtering with different vowels

Voice

pp < *sffz* > *p*

p < *sfzmp* > *pp*

prepared

mf

mf

Perc.

Voice

pp < *sffz* > *pp*

Whispering near the microphone imitating
sound of spokes, filtering with different vowels

5'56" Slowing down with the sound of the wheel 11

Perc. (98) (100) (102)

Pno.

f *p* *f* *p* *slower*

mp *p* *f* *slower* *p*

Whisper + Foot bellow

(f)

6'16" Getting much slower reducing to one pitch (Wheel may keep spinning slowly)

Perc. (104) (106)

Pno.

p

Metal brush on pegs, constant

mf

Separating beater from spokes now and then, gradually alltogether

slowly *p* Whisper + foot bellow freely, now and then (Wheel may keep spinning slowly)

12

(Wheel may keep spinning slowly)

6'32"

Pno.

Metal brush on pegs, constant

Perc.

crotal on prepared snare drum

ppp

ppp

pp

pp

slowly

p Whisper + foot bellow freely, now and then

108

110

112

Detailed description: This musical score block covers measures 108 to 112. The piano part (Pno.) consists of a single, sustained low note (G2) in the left hand, with a right hand part indicated by a box containing a series of 'x' marks representing a constant metal brush on pegs. The percussion part (Perc.) includes a crotal on a prepared snare drum, which plays a rhythmic pattern of eighth notes. A second percussion part, marked 'slowly' and 'p' (piano), involves a whisper and foot bellow, with a melodic line in the right hand. The dynamics are marked as ppp (pianississimo) for the piano and pp (pianissimo) for the percussion. Measure numbers 108, 110, and 112 are circled at the top.

6'56"

7'12"

10"

Pno.

10"

Perc.

ff

l.v.

114

116

Detailed description: This musical score block covers measures 114 to 116. The piano part (Pno.) consists of a single, sustained low note (G2) in the left hand, with a right hand part indicated by a box containing a series of 'x' marks representing a constant metal brush on pegs. The percussion part (Perc.) includes a crotal on a prepared snare drum, which plays a rhythmic pattern of eighth notes. A second percussion part, marked 'l.v.' (lento vivace), involves a whisper and foot bellow, with a melodic line in the right hand. The dynamics are marked as ff (fortissimo) for the piano and l.v. for the percussion. Measure numbers 114 and 116 are circled at the top.

D

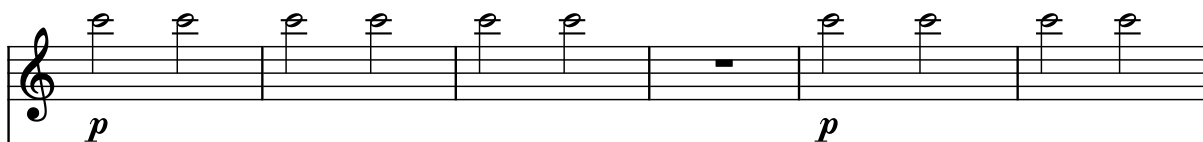
7'22"

(118)

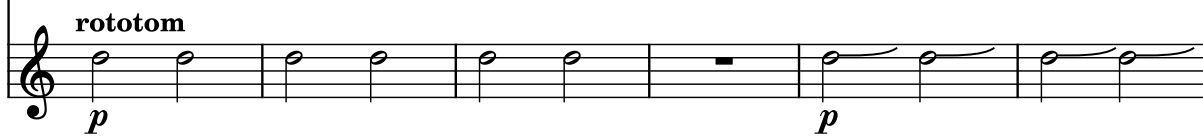
(120)

(122)

Pno.



Perc.



7'46"

(124)

(126)

(128)

(130)

Pno.

Metal fidget spinner directly on strings

Perc.

Right in front of microphone letting wind make a deep rumbling sound

8'11"

132 134 136

Pno.

ff

Move freely and slowly across the strings diagonally

l.v.

p
8
Red.

Perc.

ff

(f)

8'41"

138 140 142 144

Pno.

(Fidget spinning moving slowly)

stop moving (keeps spinning)

l.v.

p
8
Red.

Perc.

still spinning

Stop

(f)

9'13"

attack string followed by
gliss with bottom of glass bottle

15

146 **E** 148 150 152

Pno. **stop fidget**

Perc. **stop fidget** **ff** **Plastic stick** **mf** **simile always upwards** **Very marked rhythm dragging across edge of surface**

9'32"

Circle

156 **Woosh!**
(with stick or bow)

154 156 158

Pno. **ff** **f** **moving upwards across string** **(f)**

Perc. **Ribbed stick** **ff** **Plastic stick** **f** **stop** **< ff**

16

9'50"

with small explosions
wide range movements
to the sides
irregular

(gliss with bottle)

Free movement
up or down gliss

Pno.

sfp *ff* *mp*

Still (leave spinning)

Perc.

(□V) freely and irregular

sfp *ff* *mf*

diagonally
(very fast
from frog
to tip)

with small explosions
(ribbed stick)

same sound as stick

voice

10'08"

(164)

(166)

Violent drag

Pno.

sfpz

p
8
Red.

Perc.

simile

ff

10'20"

Pno.

(Spring)

ff

F

168

170

5/16

f

Getting higher

very slow and clear transition

172

3

3

Perc.

Metal Stick

ff

3/4

5/16

f

flicking

very slow and clear transition

10'35"

Getting higher (reset)

Pno.

very marked rhythm

(f)

Perc.

flicking

very marked rhythm

3 3

174 176 178

4/4 5/16

3

3

18

10'46"

As high as possible

11'10"

Getting higher (reset)

Pno.

Perc.

drag glass bottle

ribbed stick

sffz

sffz

184

Pno.

Perc.

11'22"

As high as possible

186

Pno.

Perc.

ff

ff

187

Pno.

Perc.

going back low

going back low

11'34" 19

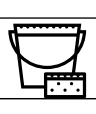
(188) (190) (192)

Low

Pno. *combing with spring freely* *mf*

Perc. *less and less* *p*

Soak sponge with water and leave hanging, dripping water into resonant amplified bucket



H 12'06"

11'54" (194) (196) (198)

Pno. *ricochet* *ff* *simile*

Perc. (Let water drip freely) *ff*

Higher portion flicking upwards letting it slam moving creating filter very small movements

Pno.

(200) (202) (204)

continue small movements
with every attack

Perc.

This musical score segment covers measures 200 to 204. The Piano part is written in treble and bass staves, featuring rapid sixteenth-note patterns with slurs and accents. The Percussion part is on a single staff, showing a steady sequence of eighth-note attacks. A text box with the instruction "continue small movements with every attack" is placed above the Percussion staff. Measure numbers 200, 202, and 204 are circled at the beginning of their respective measures.

12'41"

Pno.

(206) (208)

(M)

Perc.

This musical score segment covers measures 206 to 208. The Piano part continues with rapid sixteenth-note patterns in both staves, including slurs and accents. The Percussion part shows a sequence of eighth-note attacks, with some measures featuring a double bar line and a repeat sign. A measure rest symbol (M) is indicated above the Percussion staff in measure 206. Measure numbers 206 and 208 are circled at the beginning of their respective measures.

21

I

**Ping pong
Explosion
inside piano!**

(in dampened range)

Pno.

Perc.

Ping Pong explosion on instruments!

Plastic stick
flick with card
loudly

Falling loudly on instruments

13'21"

Throw ping pong balls
to the other side

(216)

218

Pno.

Very slowly at first

Ebow

Perc.

Very slowly at first

Throw ping pong balls to the other side

13'37"

Pno.

Perc.

220 if balls run out keep attacking (or turn into other objects)

222 if balls run out keep attacking (or turn into other objects)

SHOUT

Let balls bounce

13'54"

Pno.

Perc.

first large or different object in the middle of the stage

224

Highest note of damped preparation

mf

Bow stick strongly rattle loudly

pp *fff*

voice s..

pp *sffz*

14'07"

slowly lowering chromatically towards limit
of damped preparation range

23

Pno. Perc.

226

rototom

slow gliss towards lower limit

gliss.



Pno. Perc.

228

gliss.



Pno. Perc.

229

gliss.



Pno. Perc.

230

gliss.

2/4

14'27"

Pno.

Lowest note of damped preparation

232

234

3 3 3 3

Perc.

slowly at first

fast and continuous

Throw object to the middle of the stage

moderate and continuous

14'41"

Pno.

236 on beat

Object appears in hands on stage

238

Always strike pedal while throwing object

Lift object drawing attention

Throw!

spin wheel strongly

Ped. _____

Perc.

on beat

fff

f

ff

spin wheel strongly upon impact

14'59"

(240)

Pno.

Perc.

Always strike pedal while throwing object

Receive, show object, throw

15'13"

(242)

(244)

Pno.

Always strike pedal while throwing object

simile

Perc.

Peel gafa tape

faster towards the end




$p < ff$

$p < ff$


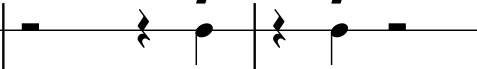


$p < ff$


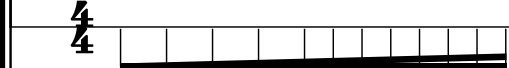

$< ff < ff < ff$

15'27"


(246)    *f*

throwing as fast and constant as possible




(248)     *f*





Perc.    *f*



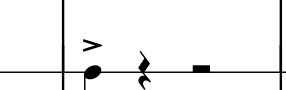
throwing as fast and constant as possible









15'43"

(250)   *ff*  *ff*

(252)   *ff*  *softly*  *ff*

(254)   *ff*  *ff*

Perc.   *ff*   *ff*   *ff*

16'07"

256 Hexbugs in singing bowl on strings

258

260

Pno.

ff

Perc.

Hexbug in thin box on membrane

ff

Moving freely towards improvising

p *fff*

pedal

16'28"

262

264

Pno.

ff

Perc.

16'04"

266

268

270

Pno.

Slowly activate all objects

Let objects sound

Perc.

Slowly activate all objects

Let objects sound

17'08" Φ (272) (274)

Pno. *ff*

pedal

Spin strongly

Perc. *ff* rototom gliss.

pedal

Spin strongly

17'32" (276) (278)

Pno.

Walking out towards line position

Frozen with light

Walk Stop W S W faster

Boom whacker

ff

fff

Perc.

Walking out towards line position

Frozen with light

Walk Stop W S W faster

Boom whacker

ff

fff

18'01" (280) Frozen in attack position immediately reposition (282) Slow motion attack immediately reposition (284) Frozen in attack position

Pno.

Perc.

attack each other

ff

ff

Frozen in attack position immediately reposition Slow motion attack immediately reposition Frozen in attack position

attack each other

ff

ff

18'20" (286) Slow motion attack Slow reposition Attacking each other

Pno.

Perc.

Slow motion attack Slow reposition

ff

ff

Attacking each other

18'38" (288) always repositioning (290) (292)

Pno.

Perc.

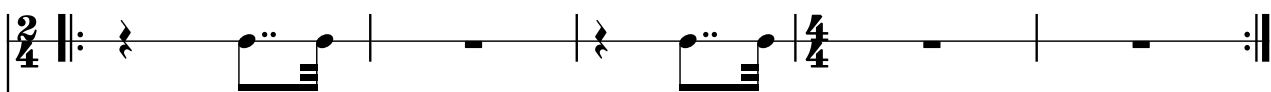
always repositioning


18'49"

19'03"

(294)

(296)

Pno. 

Perc. 

(298)

Pno.

Perc.

Lower boomwhackers very slowly, drop them at the same time.
Stare at each other for ca. 10 seconds.
Lights off.

