St358.15.1

sumtone

:

luís antunes pena

música para 30 metais

for 30 metal cymbals and electronics

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2012/17

I - em folia sempre
II - terrain vague
III - in construction 1 - 5 (mirror, diminution, one change, statify, all combinations)

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for 30 metal cymbals and electronics

score version 02 / 2017

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i**nstruments**:

1 ride 20’ (or bigger) with a contact microphone and placed separated from the rest of the setup.
It will be used only for *II. Terrain Vague*.

4 splash 8’x, 8’, 10’, 12'
5 turkish 9’, 10’. 12’, 13’, 16’
2 hi-hat 12’
3 china 15’w, 15’, 20’
3 ride 13’, 18’, 20’
2 tai 6’, 10’
5 tai 6’
5 tai 7’

these are the cymbal indications used for the premiere and recording of the piece.
it is possible to vary and use other cymbals keeping the relations between the size.

audio cd available: *Terrains Vagues* WERGO 81192 / germany 2013 / nuno aroso, percussion: https://de.schott-music.com/shop/terrains-vagues-no319770.html

about *II. terain vague*:

this movement is for one big ride cymbal only. choose one that as a good harmonic sound when played with a double bass bow.
the notation of the score is made with a 3 line staff. the lowest note indicates a dampened sound without any harmonics, just something similar to white noise. the higher the notation is, more harmonics should be heard.
use a good contact micro to amplify all sounds with bow. experiences with an akg 411 proved to appropriate. avoid using a piezo microphone since de quality is not satisfactory in this case.
for electronics use your preferred sound player with the time display and follow the score. If you need a freeware alternative take a look at this one http://www.audacity.de/
please download the audio file here (113MB): http://icem.folkwang-hochschule.de/~pena/electronics/TerrainVague.zip

about *III. in construction:*

tempo, dynamic and order of *in construction 1-5* is open.

recording setup at ZKM | karlsruhe (germany 2012):

live setup nuno aroso,2017:

about MÚSICA PARA 30 METAIS

I - em folia sempre
II - terrain vague
III - in construction 1 - 5
(mirror, diminution, one change, statify, all combinations)

The idea to work a new piece for a large number of cymbals happened during a residency at the ZKM | Karlsruhe with the percussionist and friend Nuno Aroso. After using intensively a cymbal in a piece called *I-X-Herculean* we discussed the expansion of this setup exploring the unrepeatable sound each cymbal can offer. After a research phase selecting cymbals, I started composing the piece, having in mind a concrete selection of cymbals we had gathered together. For the recording session, I had written scores as well as a list of playing technics and sounds I wanted to work with.

The first movement is a tribute to pulse; the second one an acclamation of noise; and the third one a celebration of simplicity.

Música para 30 Metais I uses a rhythm writing, which I use to call "almost regular". I'm interested in creating a tension between the expectation and disquiet of the listener. Every small deviation from a perfect and machine regularity becomes a certain kind of written Humanity.

The second movement *Terrain Vague* deals with all sounds that are not played with sticks, but with a metal screw and a double bass bow. The sonorous imaginary of this piece evokes places in transition, places that are note-yet-something and the ones that used-to-be-something.

In Construction 1- 5 are small pieces that my be played in a different order. Each one of this pieces is constructed using a very simple algorithm that transforms the flow of pitches according to a certain logic: mirror, diminution, one change, statify, all combinations.

MÚSICA PARA 30 METAIS

I. Em folia, sempre

Luís Antunes Pena

♪ = 134

1

8'x
Splash 8'
10'
12'
9'
10'
Turkish 12'
13'
16'

f *secco sempre* [but not completely dampened]

7

13

19

25

l.v.

ricochet

sffz *pp* *f*

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31 l.v. secco sempre

8'x Splash 8' 10' 12' 9' 10' Turkish 12' 13' 16' Hi-Hat 15'w China 15' 20'

p fp fp f

37

13' Ride 18' 20'

43

1 2 Tai 7' 3 4 5 Tai 6' 10'

l.v. ma non troppo

49

pp f sf sempre molto f

secco subito p

55

61

Tai 6'
Tai 7'
8'x
Splash 8'
15'w
China 15'
13'
Ride 18'

l.v.

67

secco

Turkish 12'

81

90

II - Terrain Vague

00:00:00 00:00:10 00:00:20 00:00:30 00:00:40 00:00:50

with metal "Reibstock"

Cymbal

ppp

Tape

00:01:00 00:01:10 00:01:20 00:01:30 00:01:40 00:01:50

Cym.

pp *p*

Tape

00:02:00 00:02:10 00:02:20 00:02:30 00:02:40 00:02:50

L.V.

Cym.

f

sim. L.V.

p *mf* *mf* *f*

Tape

00:03:00 00:03:10 00:03:20 00:03:30 00:03:40 00:03:50

arco L.V.

Cym.

ppp *mf* *pp* *mf* *pp* *mf* *pp* *mf* *ppp*

Tape

00:04:00 00:04:10 00:04:20 00:04:30 00:04:40 00:04:50

L.V. L.V. L.V.

toneless
(sometimes appears a tone in the upper register)

Cym.

mf *pp* *mf* *pp* *f* *p* *f* *p* *f* *p* *f* *p*

Tape

00:05:00 00:05:10 00:05:20 00:05:30 00:05:40 00:05:50

L.V.

try to keep a constant tone
with many harmonics and inharmonics

Cym.

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

Tape

00:06:00 00:06:10 00:06:20 00:06:30 00:06:40 00:06:50 00:07:00 00:07:10

Cym.

Tape

MÚSICA PARA 30 METAIS

III. In Construction 1 - Mirror

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

Hi-Hat

15'w
China 15'
20'

13'
Ride 18'
20'

6

11

16

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

Hi-Hat

15'w
China 15'
20'

13'
Ride 18'
20'

21

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

Hi-Hat

15'w
China 15'
20'

13'
Ride 18'
20'

III. In Construction 2 - One Less

1
2
Tai 6' 3
4
5

1
2
Tai 7' 3
4
5

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

Hi-Hat

15'w
China 15'
20'

13'
Ride 18'
20'

5

1
2
Tai 6' 3
4
5

1
2
Tai 7' 3
4
5

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

Hi-Hat

15'w
China 15'
20'

13'
Ride 18'
20'

9

1
2
Tai 7' 3
4
5

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

Hi-Hat

15'w
China 15'
20'

13'
Ride 18'
20'

III. In Construction 3 - One Change

Tai 6'
10'

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

Hi-Hat

15'w
China 15'
20'

13'
Ride 18'
20'

6

10

15

Tai 6' 10'
8'x Splash 8' 10' 12'
9' 10' Turkish 12' 13' 16'
Hi-Hat
15'w China 15' 20'
13' Ride 18' 20'

20

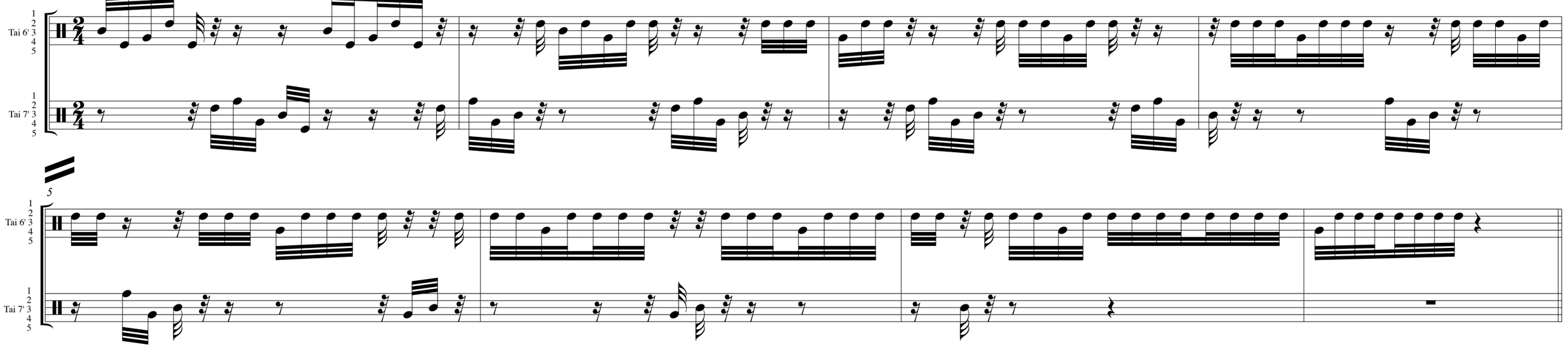
Tai 6' 10'
8'x Splash 8' 10' 12'
9' 10' Turkish 12' 13' 16'
Hi-Hat
15'w China 15' 20'
13' Ride 18' 20'

24

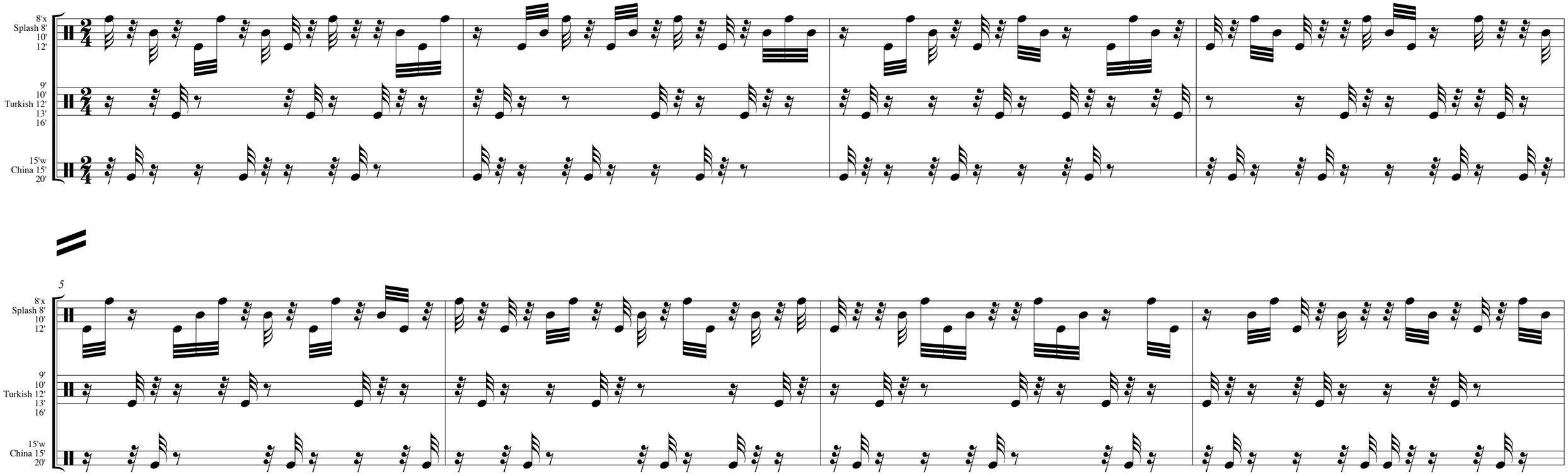
Tai 6' 10'
8'x Splash 8' 10' 12'
9' 10' Turkish 12' 13' 16'
Hi-Hat
15'w China 15' 20'
13' Ride 18' 20'

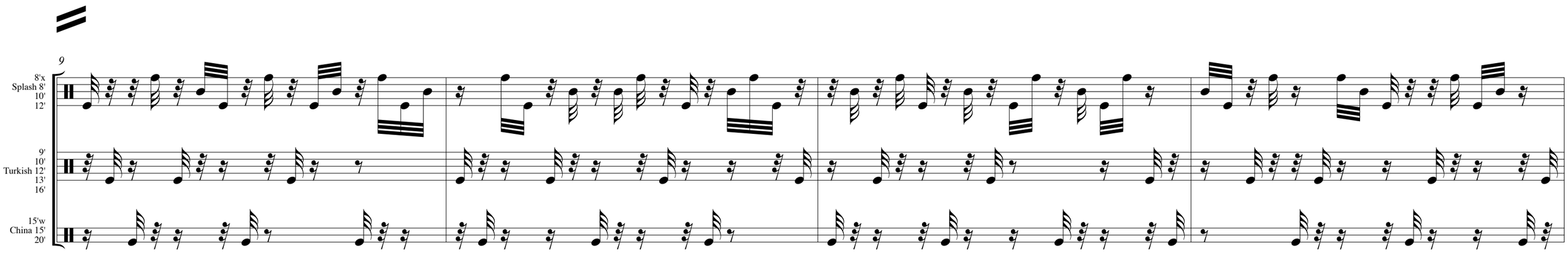
MÚSICA PARA 30 METAIS

III. In Construction 4 - Statify



III. In Construction 5 - All





13

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

15'w
China 15'
20'

17

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

15'w
China 15'
20'

21

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

15'w
China 15'
20'

25

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

15'w
China 15'
20'

29

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

15'w
China 15'
20'

33

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

15'w
China 15'
20'

37

8'x
Splash 8'
10'
12'

9'
10'
Turkish 12'
13'
16'

15'w
China 15'
20'