Vents Stellaires

For Horn, Trombone, Tuba
and live-electronics

For Zinc & Copper

composition :
Kasper T. Toeplitz

Vents Stellaires

For Zinc & Copper

For Horn, Trombone, Tuba and live-electronics (4 musicians)

The score is written in C (all pitches are heard as written)

The instruments have to be amplified but not too much, so at times the acoustic sound could also make sense

Of course a microphone (and a P.A.) is needed for all electronic effects and the electronic sounds

The electronic sounds are either generated (on a computer) - dark blue - or effects applied to the instruments - light blue

Some additional effects are written in red - those could be done in the computer or just stand alone effects (guitar boxes)

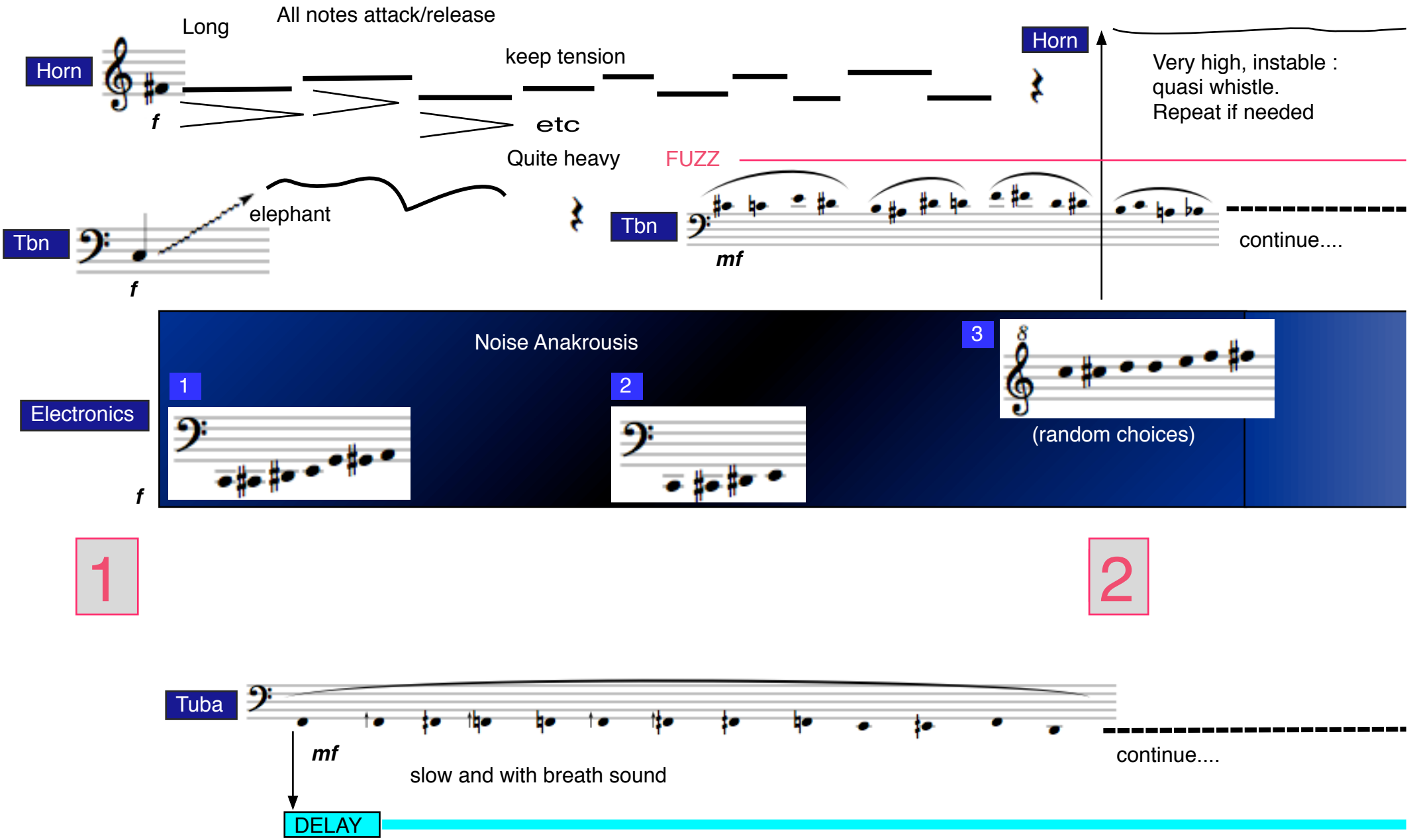
All the electronics are played in real time) it should really be the interaction between 4 players and not some sort of "sound files"

As there are no time precision, the huge RED numbers are cues, to be seen on a screen

All the events of the piece should be played as slow as possible, very slow evolutions

composition :
Kasper T. Toeplitz 2021

Score written in C (pitches heard as written)



the Tuba goes into a long delay line and the superpositions of the micro intervals creates a shimmer

Vents Stellaires 1

Horn

Breath texture

p sempre

Tbn

Breath texture

p sempre

4

Free Form Breath Textures

Electronics

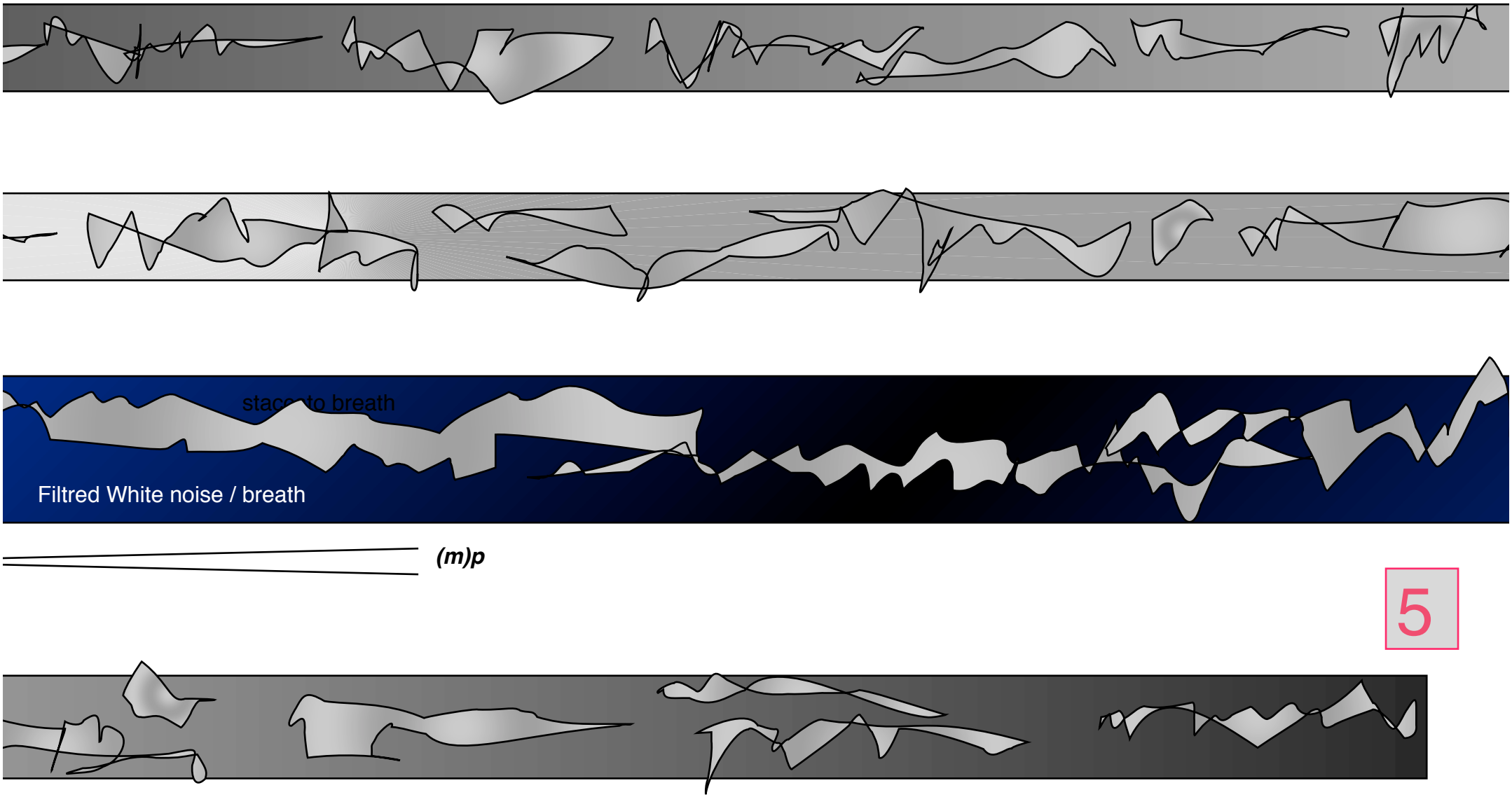
3

4

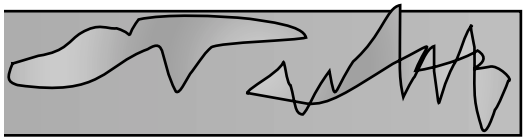
Tuba

Breath texture

p sempre



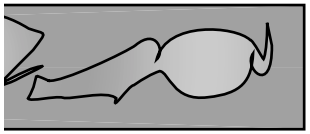
Vents Stellaires 3



play "in" this note

Horn

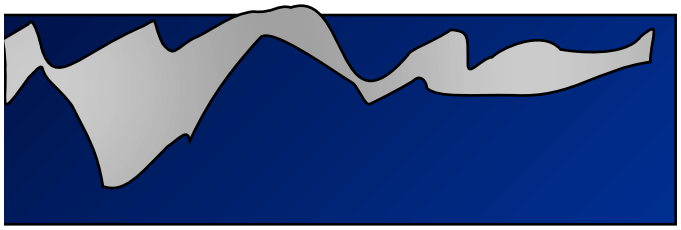
mp



play "in" this note

Tbn

mp



DELAY HOLD

6

similar shape

similar shape

similar shape

Tuba

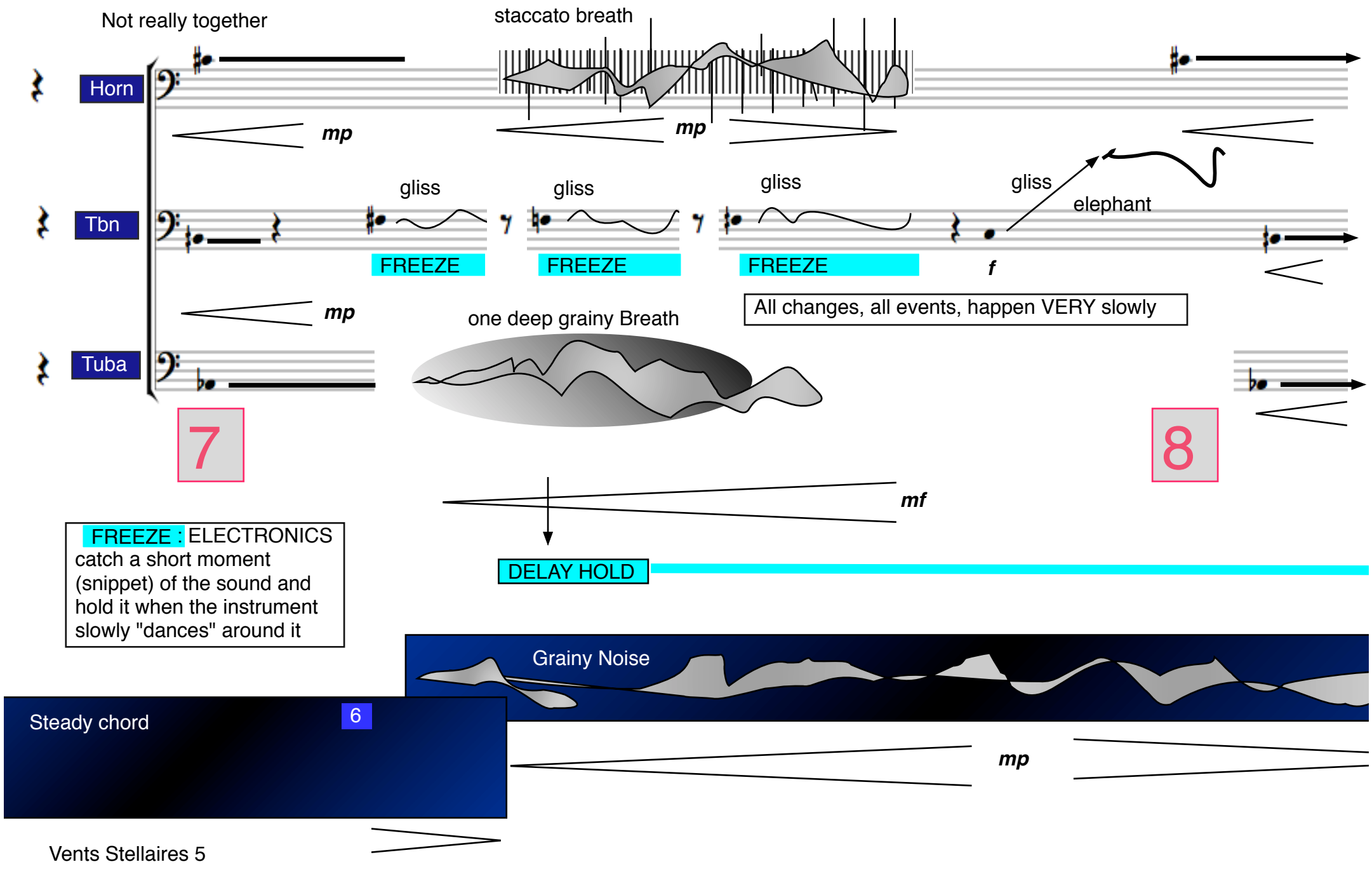
mp

DELAY

Create, with the help of the delay, pulsating micro-tonal "regions" around each news "central note".
They can overlap

Electronics

5


Not really together
staccato breath
Horn
mp
mp
Tbn
gliss
gliss
gliss
gliss
elephant
FREEZE
FREEZE
FREEZE
f
mp
All changes, all events, happen VERY slowly
one deep grainy Breath
Tuba
7
8
mf
FREEZE : ELECTRONICS catch a short moment (snippet) of the sound and hold it when the instrument slowly "dances" around it
DELAY HOLD
Grainy Noise
Steady chord
6
mp
Vents Stellaires 5

FUZZ

Horn *mf*

FUZZ

Tbn *mf*

FUZZ

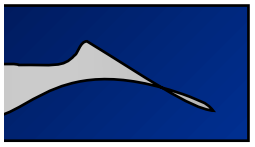
Tuba *mf*

All changes, all events, happen VERY slowly

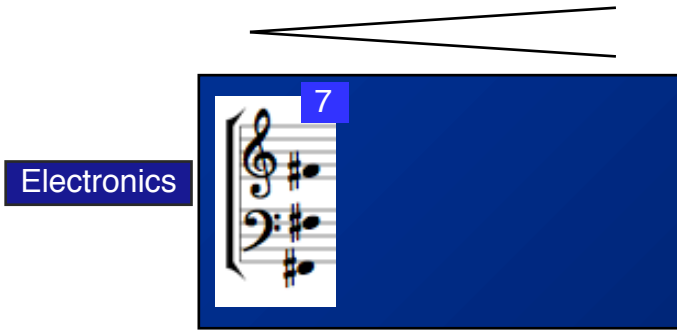
All notes are to be "worked out" for a long period (replayed, with micro-rythms and micro-tonal changes) . Try to interact with the fuzzy sound (oscillations, feed back etc)

fade out

HOLD




FUZZ
Horn
mf
FUZZ
Tbn
mf
FUZZ
Tuba
mf
9


Electronics
7

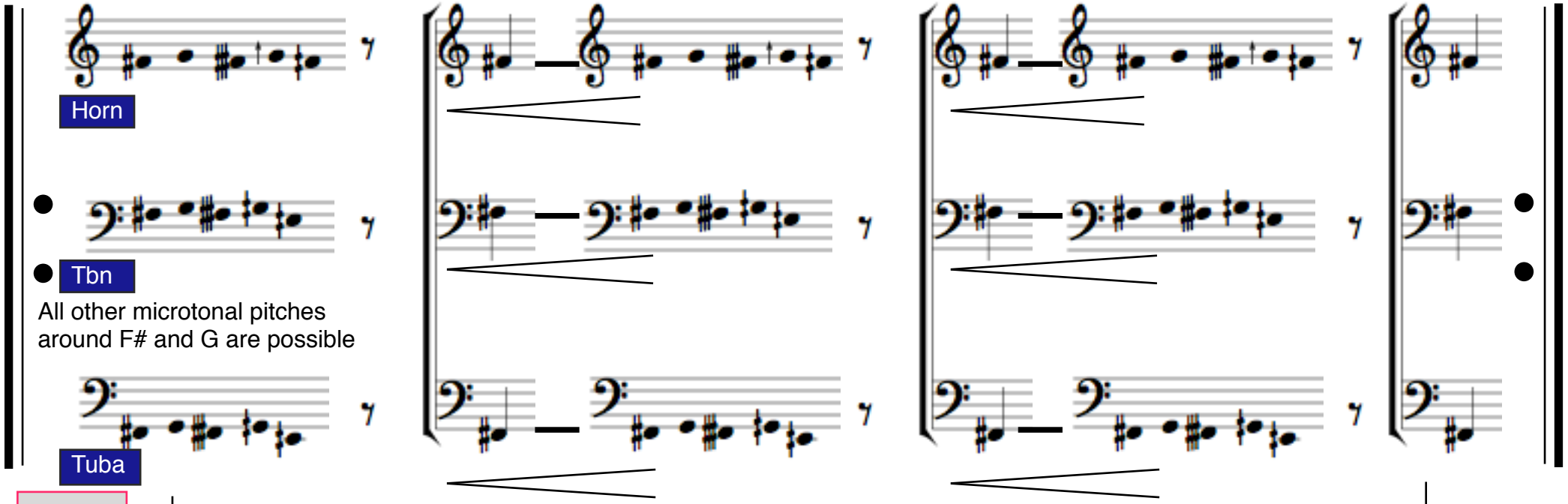
Free choice of notes and durations around F# and G

Expansion

Compression

Expansion

repeat until the sound is very complex and obvious at the same time



All other microtonal pitches around F# and G are possible

10

With a "common long breath" which compresses the ambitus at F# and then expands it

Gradually create a cycle of extremely slow breath (every 30/35 seconds)

The whole process is recorded in the Long Delay, which adds to the polyphony and complexity of the resulting mass

LONG DELAY

Free choice of notes
and durations

progressive change
of ambituses

11

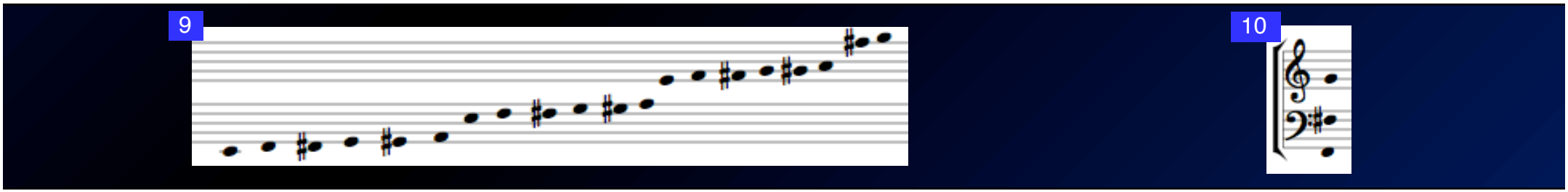
slow down the cycle a little bit

Free choice of notes
and durations

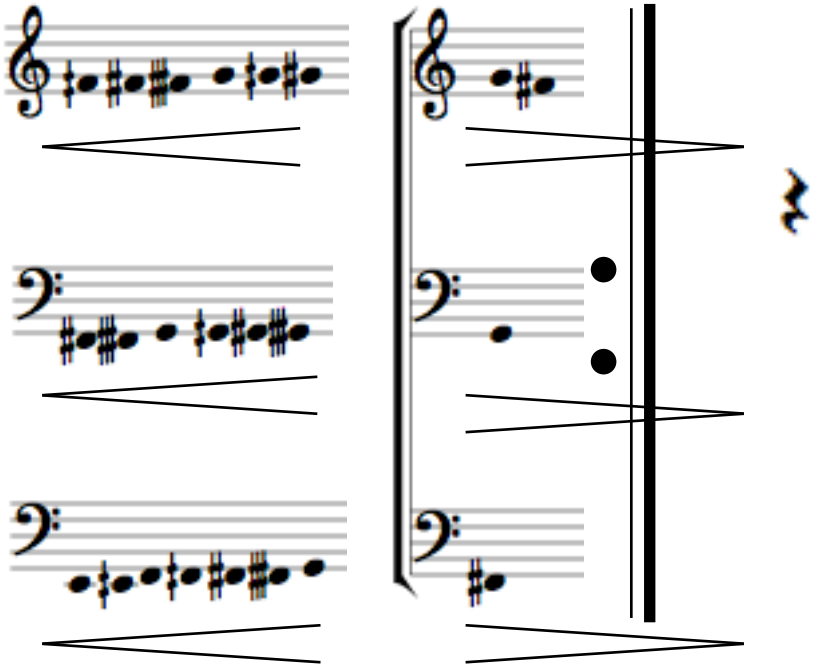
12

Free choice of notes
and durations

13



Free choice of notes
and durations



Very slow

Horn Solo

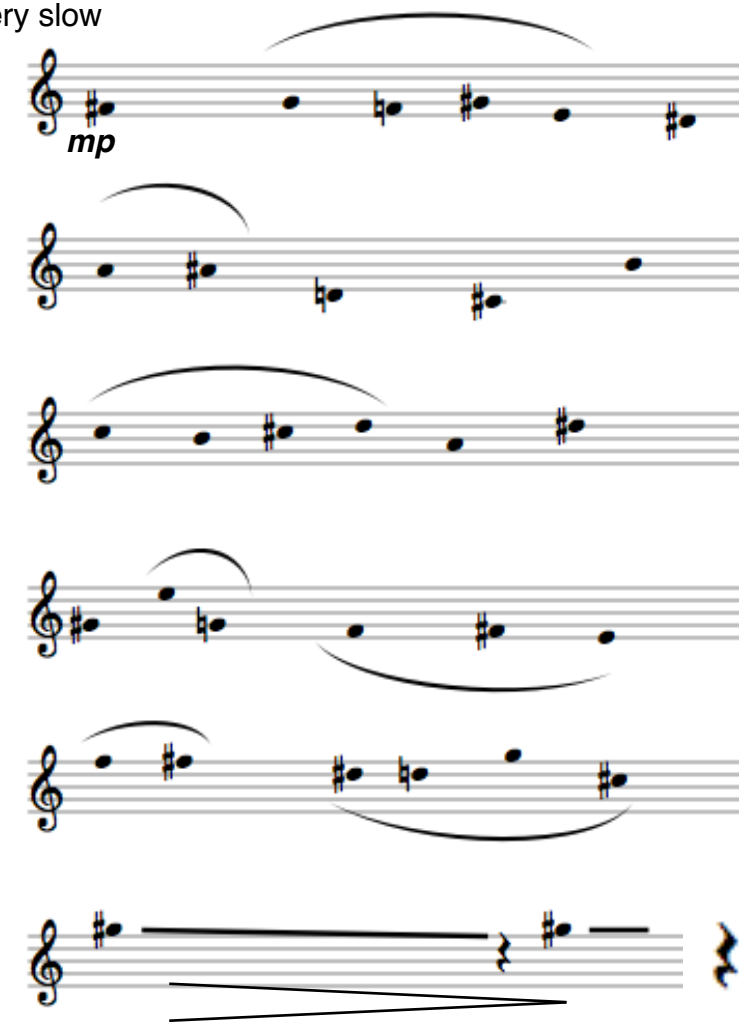
REVERB

PITCH SHIFT
one or two
octaves up

play with space,
time and reverb

Do the
diminuendo
with the fade
out of the
delay

14



11

12

Horn is really like a shadow, like a memory of the sounds produced by the ring-modulation: small noises in the background

Full of silences

Horn

Tuba

p sempre

Ring MOD

Electronics Resulting notes/chords of the ring-modulation

15

Tbn & Tuba Try to interact each of the notes you play with the low mass played by electronics

16

TUBA & Tbn: Ring-modulate each other

mp

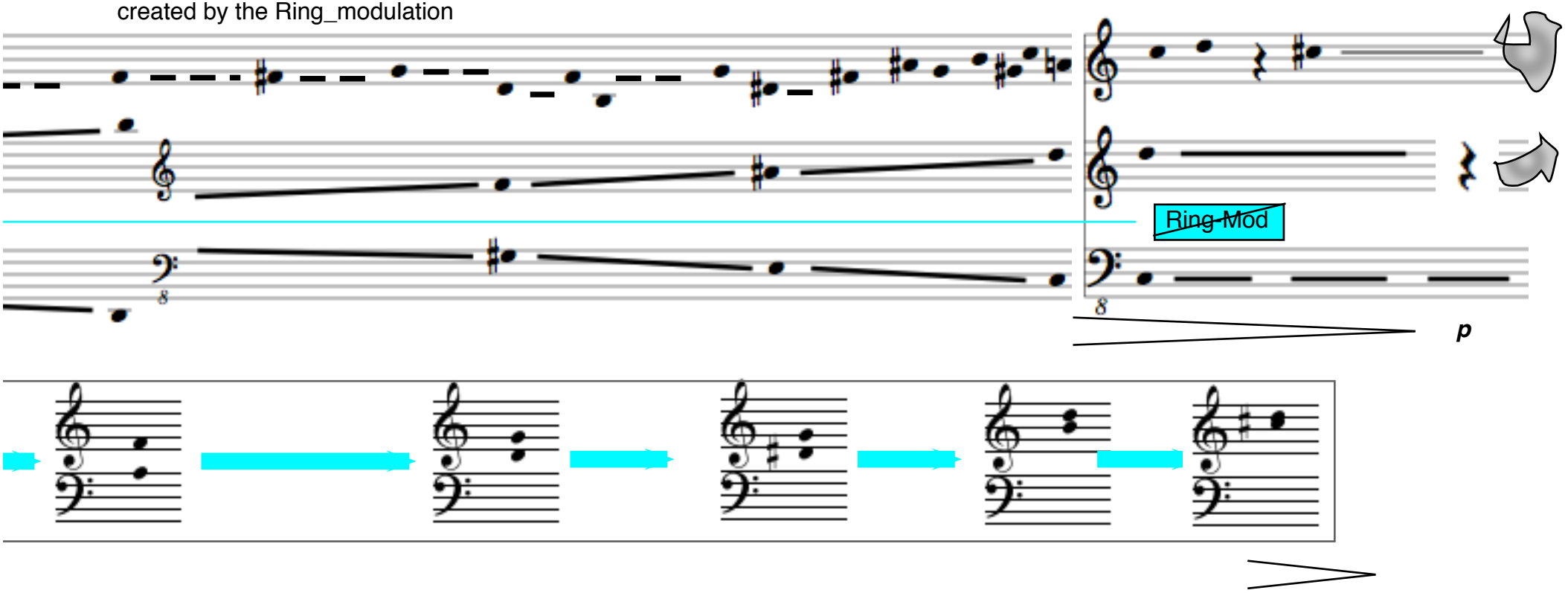
Electronics

13

14

Tbn & Tuba make all this double "ascension/descension" movement by small microtonal moves, sometimes mini-glissendis, repetitions of "almost the same" pitch/texture : The ring modulation will pick up and magnify all the small diffrences

Try to play as an echo to the pitches
created by the Ring_modulation



REVERB

Horn

p

Breathes alone, all shapes,
in a constant decrescendo

Tbn

p

Breathes alone, all shapes,
in a constant decrescendo

Tuba

p

hide the pitches
under breath sound

Breathes alone, all shapes,
in a constant decrescendo

Unfinished ending..

17

Electronics

Filtred White noise / breath

p