

pensée, reflet
for Ftarri Festival
2019, Léo Dupleix

Instructions

The piece is 25 to 30 minutes long.

Each page in the score is around 5 minutes, and there is 5 pages.

There is 3 measures by page.

Each musician repeat the notes written in the measure, and can do some pauses between notes.

When there is more than one note, this is a pattern. Please repeat it, (black note are shorter, white longer).

You can make pause between repetitions.

The signal to go to the next measure is given by the snare drums. There is small black dots at the end of each measure of the snare drum part. This represent hits on the snare drum: 1, 2, or 3 hits (depending on the number of points).

When those hits are played, this is a signal for everyone to move on to the next measure.

The piece continues in the same fashion until the end: everyone repeat the tone or pattern written inside the measure, then move to the next when the hits are played.

Musician cannot go to the next measure before the signal had been played.

At the end of a page, after the hits are heard, every one should respect a small pause (silence), in order to turn pages, and to focus on the next page.

Each page has to be around 5 minutes. Knowing that, this is left to the snare drum player to choose the duration of each measure, by giving the signal to move to the next. Each measure doesn't have to be equal, although if divided equally it would be around 1'40 each...

Each tones has to be play rather softly, with a great attention to the ensemble as a whole and to the space of the concert.

Material

The tones of the saxophone, clarinet, and voice, are the 7th,8th,9th, 10th and 11th partials of the harmonic series of the frequency of 41.25Hz. The voice use japanese phonema あ, い, う, え, お for each tones, as showed below. Please use those sounds while singing, as written in the score!

Phoneme	Partial	Frequency (Hz)	Tuning
お	7	288.75	D4 -29c
あ	8	330	E4 +2c
い	9	371.25	F#4 +6c
え	10	412.5	G# -12c
う	11	453.75	A4 +53c

Guitar and bass tuning and tones

only string 6, 5, 4 and 3 of the guitar are used, and tuning is as follow:

Guitar:

String	Frequency (Hz)	Tuning
6	82.5	E+2
5	113.4375	A+53
4	144.375	D-29
3	198.51	D+22

Bass:

4 4 3 2 1

8 41.25Hz E+2 56.72Hz A+53 72.19Hz D-29 99.26Hz D+22

the tones used are as follow: natural harmonics of the strings, and sometimes, open strings (marked as 0)

Guitar

3⁰ 5² 6³ 4² 6⁴ 5³

Bass

2² 4⁴ 3³ 1² 2³ 3⁴

Oscillators There is 5 different tones, which are the same as clarinet saxophone and voice but a few octave lower:

7 1 2 3 4 5

82.5Hz 92.81Hz 51.56Hz 113.437Hz 144.375Hz

8vb

The circle marked in some measure in the score (\bigcirc) means "white noise": instead of the tones, you can play, for this measure white noises, made with any possible device (computer, no input mixer, sound generator...)

Snare drum

The hits on the snare drums should be very clear and dry, but please be careful not to have the impacts too loud.

The symbols \bigcirc means "white noise": continuous sound played on the snare, with a brush, for example... There are present each time there is 2 hits in the measure. This sound has to be played like others in this score: long tones, with pauses in between tones...

あ い あ

Voice

8 8 9 7 8

Clarinet

8 +2 330Hz 8 7 -29 288.75

A. Sax.

8 +2 330Hz 9 +6 371.25 8

Guitar

6⁴ 6⁴ 6⁴ 4²

Bass

4⁴ 2³ 3³ 1² 4⁴

Oscillators

1 1 2

82.5Hz 92.8Hz

Snare Drum

4 い う う

Vo. 10 9 10 9 11 10 10 11 11 10 9 10 11

B♭ Cl. 9 +6 226.9 11 +53 453.75 11

A. Sax. 10 -12 412.5 10 9 +6 226.9

Guit. 5² 6³ 4² 6³ 4² 6³

Bass 3³ 4⁴ 3³ 1² 4⁴ 3³

osc. 2 92.8Hz 3 103.125Hz

S.D.

Vo. お う い

B♭ Cl. -12 412.5

A. Sax. D4 -29c 288.75

Guit. 5^3 6^4 6^3 4^2 6^4

Bass 1^2 4^4 3^3

osc. 2 92.8Hz 3 103.125Hz

S.D.

Vo. え い う

B♭ Cl. 10 -12 412.5 7 7

A. Sax. 7 $D4 -29c$ 288.75 9 11

Guit. 5^2 6^3 5^2 6^3

Bass 2^2 4^4 1^2 3^3 4^4

osc. 5 2 4 72.2Hz 92.8Hz 113.3Hz

S.D.

Vo. あ え あ

B♭ Cl. 11 10 8

A. Sax. 8 9 10

Guit. 5² 6³ 6³ 4² 6³ 6³

Bass 2² 4⁴ 3³ 4⁴

osc. 1 82.5Hz

S.D.