

「呼吸の会話」 笙とコンピュータのために
 "Breath Communication" for a Shō-player and Computer

T, SHIMAZU

♩ 60 静寂の中に

Shō

オーディオ入力を設定
 (必ずタリック、
 NOを確認)

0 10 18 24

Computer (Max/MSP)

Attack で program auto start

1 2 Delay

Rev

All slide up!

色 (toeru)

24 45 48

All slide slow down!

<5 sec.> Tap Delay

3

one slide Tap delay!

Shō

48 1:02 1:12

Computer (Max/MSP)

音が完全 4 3 shorter slides Tap delay!
に消えて

All slide slow
down!

after 12 sec. automatic
feedback Tapdelay

1:12 1:28 1:36

feedback level =60

5 Delay-----

long(Yellow)-tapin
sliders up

1'36"

Shō

1:36 1:44 2:00

Computer (Max/MSP)

slight rev<2>
Rev
tapin fast down
Delay
Automatic Sliders down

2:00 2:06 2:24

2 Tap Delay Tap Delay <2 sec.>

2'24'

Shō

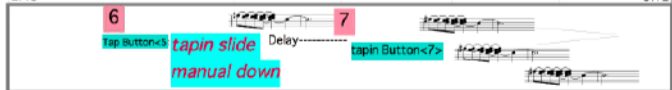
2:24 2:30 2:48

Computer
(Max/MSP)



3:08

2:48 2:52 3:00 3:12



3'12"

Shō

3:12 3:36

Computer
(Max/MSP)

<Automatic Full Tapin >

3:36 3:48 3:58 4:04

8
Feedback - - -

<Automatic Tapin slow down >

4'00"

Shô

4:04 4:12 4:28

Computer
(Mac/MSP)

9 <Automatic reverb up slowly> Reverb longer
reverb <6>

4:28 4:52

+Tapin up <4>

4:48'

Shō

4:52 5:16

Computer
(Max/MSP)



tapin slide manual down

breath (7/16-)

5:16 5:20 5:40

Tap Delay shorter+ feedback



5:36*

Shō

breath (i-ho-)

breath (i-ho-)

5:40 5:44 5:58 6:04

Computer (Max/MSP)

10

10

+manual Feedback slowly

Detailed description: This block shows a musical score for the instrument 'Shō'. The score is written on a single staff with a treble clef. It includes dynamic markings such as *mf*, *ppp*, *fff*, *mf*, and *pp*. There are two breath marks labeled 'breath (i-ho-)' with a small square icon above them. The time markers are 5:40, 5:44, 5:58, and 6:04. Below the score is a computer visualization window for Max/MSP. It features two pink boxes with the number '10'. The first visualization shows a series of downward-pointing triangles that decrease in size over time. The second visualization shows a similar pattern but with a red box containing the text '+manual Feedback slowly' overlaid on it.

(Sss-)

(Gss-)

(Sch-)

6:04 6:12 6:20 6:28

10 Tapin Delay

10

10

Detailed description: This block shows a musical score for a vocal line. The score is written on a single staff with a treble clef. It includes dynamic markings such as *mp*, *pp*, *p*, and *pp*. There are three breath marks labeled '(Sss-)', '(Gss-)', and '(Sch-)' with a small square icon above them. The time markers are 6:04, 6:12, 6:20, and 6:28. Below the score is a computer visualization window. It features three pink boxes with the number '10'. The first visualization shows a series of horizontal lines that decrease in amplitude over time, with the text 'Tapin Delay' next to it. The second visualization shows a series of downward-pointing triangles that decrease in size over time. The third visualization shows a similar pattern of downward-pointing triangles.

6'24"

Shō

6:28 6:36 6:52

Computer (Max/MSP)

10 Tap Delay 10

Detailed description: This block shows a musical score for the instrument 'Shō' in 3/4 time. The score consists of two staves. The first staff has notes with dynamic markings *pp*, *pp*, *ppp*, and *f*. Above the first and third measures, there are markings *(f/na-)* and *(H/na-)* with a small 'n' in a box. Time stamps 6:28, 6:36, and 6:52 are placed below the staff. Below the staff is a Max/MSP patch diagram. It features two 'Tap Delay' objects, each with a red box containing the number '10'. The patch uses a series of envelope generators (represented by triangles) to control the amplitude of the signal.

6:52 6:56 7:10 7:16

11 1/2(Pitchshift)----- 12 Pitchshift-----

change Pitchshift <4> transporter <Pitch Trans=2>

Detailed description: This block shows a musical score for the instrument 'Shō' in 3/4 time. The score consists of two staves. The first staff has notes with dynamic markings *f*, *pp*, *pp*, *f*, *f*, and *ppp*. Time stamps 6:52, 6:56, 7:10, and 7:16 are placed below the staff. Below the staff is a Max/MSP patch diagram. It features two 'Pitchshift' objects, each with a red box containing the number '11' and '12' respectively. The first object is labeled '1/2(Pitchshift)-----' and the second is labeled 'Pitchshift-----'. Below these are two cyan boxes containing the text 'change Pitchshift <4>' and '<Pitch Trans=2>'. A 'transporter' object is also present in the patch.

7'12"

Shô

7:16 7:22 7:34 7:40

Computer
(Max/MSP)

13 transporter -11

Pitchshift automatic fade out

quasi accel. (Hna)

7:40 7:46 7:52 8:04

10 Tapin Delay

14 transporter -23

Pitchshift-----

#100*

Shō

8:04 8:28

Computer
(Max/MSP)

15 transporter -61

16

change gismo
transporter -150

8:28 8:52

16

Tapin Delay

17

<Auto Filters>

8'48"

Shô

8:52 9:16

Computer
(Max/MSP)

Tap Delay

17

9:16 9:28 9:40

<指でピッチを変えることができるキーを動かしてGlide.>

10

18

9:36'

Shō

9:40 <8 sec.> 10:04

Computer (Max/MSP)

10:04 <8 sec.> Tap Delay 10:28

19

<Auto Filters>
+ trans/gizmo

19

19

Shô

Sho
Voice (Oo-)
Sho

Computer
(Max/MSP)

10:28 19 19 19 10:52

gizmo slide manualy

Voice (Oo-)
Sho

10:52 19 19 19 11:16

Shô

π Y // <適当に aus-ein、しかし可能な限り長い呼吸で>

pp ff pp ff ppp

Voice (Oo-)

Sho

11:16 11:40

19 19 20 Reverb gradually

Computer (Max/MSP)

11:40 12:04

12'00"

Musical score for the first section, spanning from 12:04 to 12:28. The score consists of six measures of music, each with a long note and a reverb tail. Below the score is a reverb envelope graph showing a gradual decay over time. A red box with the number '21' is placed over the graph, with the text 'Reverb gradually cut' to its right.

12:04 12:28

21 Reverb gradually cut

Musical score for the second section, starting at 12:28. The score consists of two measures of music, each with a long note and a reverb tail. Above the second measure, the text '30sec.~1min.' and '<可能な限り長く>' is written. Below the score is a reverb envelope graph that is currently empty. The time 12:24 is written at the bottom left of the graph area.

30sec.~1min.
<可能な限り長く>

12:28

12:24

dur. ca.14 min. *T. Shinazumi 2011*