

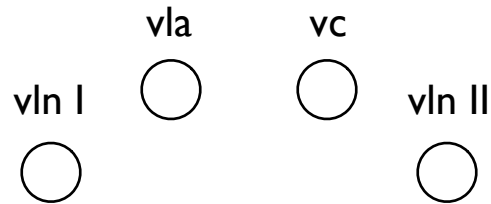
binary/momentary logics: flow state/joy state

commissioned by Spektral Quartet

Sam Pluta

Ensemble Setup and Symbol Explanation

ensemble setup:



xsp - extreme sul pont

sp - sul pont

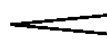
Ⓝ - normalize bow position

ric (ind) - ricochet bowing independent of
of left hand fingering

bat - battuto

clb - col legno battuto

exp  - exponential glissando

exp  - exponential crescendo
(Lachenmann "yawp")

 - approximate pitch (make it microtonal)

 - note should be as short as possible



- overpressure

 - overpressure

 - circular bowing

 - harmonic glissando in the low register
of the string with overpressure

 - other side of the bridge

H[□] - lead voice

N[□] - secondary voice

microtones:

↓ - eighth tone flat

↑ - eighth tone sharp

♭ - quarter tone flat

♭♭ - three quarter tones flat

♯ - quarter tone sharp

♯♯ - three quarter tones sharp

binary/momentary logics: flow state/joy state

i. ping pong

♩ = 131

xsp-

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[illegible]

6

xsp

pp

xsp

pp

ff

ff

ff

pp

11

xsp-
pp

xsp-
pp

ff

pp

16

xsp-
pp

xsp-
pp

ff

pp

21

Violin I: *ff*, *xsp*, *ff*

Violin II: *pp*, *pp*, *ff*

Viola: *pp*

Cello/Double Bass: *ff*

Measures: 21, 22, 23, 24, 25

Time signatures: 16/16, 7/8, 16/16

Key signature: B-flat major / D minor

[illegible]

Musical score for measures 31-35. The score is written for four staves (treble, alto, tenor, and bass clefs). The time signature changes from 4/4 to 8/8, then to 6/8, 7/8, 9/16, and finally 11/16. The music features complex rhythmic patterns, including sixteenth and thirty-second notes, and rests. Dynamics include *pp* (pianissimo) and *mf* (mezzo-forte). A fermata is present in the tenor staff at measure 35.

Musical score for measures 36-40. The score is written for four staves (treble, alto, tenor, and bass clefs). The time signature changes from 11/16 to 3/4, then to 4/4, and finally to 13/8. The music features complex rhythmic patterns, including sixteenth and thirty-second notes, and rests. Dynamics include *ff* (fortissimo), *mf* (mezzo-forte), and *f* (forte). A fermata is present in the tenor staff at measure 36. A section labeled "ii. interruption i" begins at measure 37. A section labeled "sp" (soprano) is indicated above the treble staff in measures 37, 39, and 40. A section labeled "pizz" (pizzicato) is indicated above the tenor staff in measures 38, 39, and 40. A section labeled "pizz" (pizzicato) is indicated above the bass staff in measures 38, 39, and 40.

iii. bela i

iii. bela i

42

ff *mf*

ff *mf*

ff *mf*

ff *mf*

iv. freeze slide ping pong extension

47

fff > p ff > p f > p mf > p fff > p ff > p f > p ff > p f > p mf > p fff > p ff > p f > p mf > pp mp

8va

fff > p ff > p f > p mf > p fff > p ff > p f > p ff > p f > p mf > p fff > p ff > p f > p mf > pp mp

8va

fff > p ff > p f > p mf > p fff > p ff > p f > p ff > p f > p mf > p fff > p ff > p f > p mf > pp mp

8va

fff > p ff > p f > p mf > p fff > p ff > p f > p ff > p f > p mf > p fff > p ff > p f > p mf > pp mp

v. slide

Violin I: $\text{♩} = 110$, molto legato - bow when necessary to 63, molto vib, no vib, mf 3, 3, mp , f .

Violin II: molto legato - bow when necessary to 63, mf 3, 3, f .

Viola: $\text{♩} = 110$, molto legato - bow when necessary to 63, non trem, f , p , 3, mf 3, 3, f , non trem, pp .

Cello/Double Bass: molto legato, bow when necessary to 63, molto legato - bow when necessary to 63, p , 3, f .

accel.

non trem

vi. altieri special

$\text{♩} = 131$

range indicates the full length of the string
play each gliss on a different string
non trem

7

61

mf

range indicates the full length of the string
play each gliss on a different string

f 3 p mf

range indicates the full length of the string
play each gliss on a different string

f mf

sul I

vary between full overpressure and half overpressure
move between sul pont and sul tasto

65

f

f

f

73

p

sul |
vary between full overpressure and half overpressure
move between *sul pont* and *sul tasto*

sfv f

batt-

f

non trem batt-

f

sfv f

vary between full overpressure and half overpressure
move between *sul pont* and *sul tasto*

batt-

viii. rotation extension i (modulation i (sparse))

78

exp p exp ff exp mf exp mf exp mf p

ric (ind) H⁺

mf 7 9 6 7

exp p exp ff clb pp 6 exp mf

ff exp mf exp mf exp mf

82

clb p f p clb

ric (ind) H⁺

mp f

clb p

mf p ff

clb sp

mf f mf 5 7 3

II III

The musical score is written for four staves. The first system (measures 78-81) features a complex interplay of dynamics and articulation. The top staff has a melodic line with 'exp' (explosive) and 'p' (piano) markings, leading to a 'ff' (fortissimo) section. The second staff has a rhythmic pattern with 'mf' (mezzo-forte) and '7' (seventh) markings. The third staff has a melodic line with 'exp', 'p', and 'ff' markings, followed by a 'clb' (climatic) section with 'pp' (pianissimo) and '6' (sixth) markings. The bottom staff has a melodic line with 'ff' and 'exp' markings, followed by 'mf' (mezzo-forte) markings. The second system (measures 82-85) continues the development. The top staff has a melodic line with 'clb' (climatic) and 'p' (piano) markings, leading to a 'f' (forte) section. The second staff has a rhythmic pattern with 'mp' (mezzo-piano) and 'f' markings. The third staff has a melodic line with 'clb' and 'p' markings. The bottom staff has a melodic line with 'mf' and 'f' markings, followed by a 'mf' section with '5' (fifth) and '7' (seventh) markings, and a '3' (third) marking. The score includes various musical notations such as notes, rests, and dynamic markings.

ix. interruption ii/bela ii

91

Violin I

Violin II

Cello

Double Bass

mf

f

mf

pizz--

mf

f

pizz--

mf

sp--

96

x. modulation ii
(smooth)

N

all players bowing in unison
non trem

N

all players bowing in unison
non trem

N

all players bowing in unison
non trem

N

all players bowing in unison
non trem

xi. rotation extension ii (this one goes to xi)

103 H^r 7 6 9 7 N^r

mf

clb- *p*

3

N^r non trem $\rightarrow$ $\equiv$ $\rightarrow$ non trem xsp $\rightarrow$ N xsp $\rightarrow$ N

p

non trem $\rightarrow$ $\equiv$ $\rightarrow$ non trem xsp $\rightarrow$ N xsp $\rightarrow$ N

p

5 seconds

all players
cloud of col legno battuto
single attacks - not ricochet
1-4 attacks per second
all strings - all left hand fingerings
all bow positions

127

mp

mf

sul pont
move between trem, bowed, and long bows

ppp

sul pont
move between trem, bowed, and long bows
not exactly quantized to the 32nd note
slightly detune each phrase

xiii. loose canon

poco rit.

130

sul pont
move between trem, bowed, and long bows
not exactly quantized to the 32nd note
slightly detune each phrase

p

132

mp

mf

This system contains measures 132 and 133. It features four staves: two treble clefs, one alto clef, and one bass clef. The music is written in a key with two flats (B-flat and E-flat). Measures 132 and 133 are marked with a mezzo-piano (*mp*) dynamic. The notation includes various rhythmic values such as eighth, sixteenth, and thirty-second notes, as well as rests and accidentals. A mezzo-forte (*mf*) dynamic is indicated at the start of measure 133.

134

accel.

f

This system contains measures 134 and 135. It features four staves: two treble clefs, one alto clef, and one bass clef. The music is written in a key with two flats (B-flat and E-flat). Measures 134 and 135 are marked with a forte (*f*) dynamic. The notation includes various rhythmic values such as eighth, sixteenth, and thirty-second notes, as well as rests and accidentals. An acceleration (**accel.**) instruction is placed above measure 134. The system concludes with a double bar line and repeat dots.

♩ = 132

16

batt-----

136

f

3

batt-----

f

3

exponential falls to bar 139

ff *f* > exp < exp < *ff* *f* > exp < 3 same

exp exponential falls to bar 139

f > exp < same 3 < exp < > exp < *ff* *f* > exp < same

141

xv. noise: rotation memory space

f *ff* *f*

pizz-----

sp-----

batt-----

pizz-----

batt-----

pizz-----

pp <

> exp < > exp < *ff* *f* > exp < > exp < *ff* *f*

3

pizz-----

> exp < > exp < *ff* *f* > exp < same

♩ = 150 xvi. mr. squiggly
chords between 153 and 166 are based on harmonic spectra and are labeled as such
sul pont

[illegible]

xvii. mr. squiggly interrupt loop

vln I, vla, and cello are not in unison, fifths, or octaves

choose random notes such that the intervals between the players changes on each attack
range indicates the full length of the string

160

sfv mf sfv p

sfv f sfv pp

sfv f sfv mp sfv mf sfv p sfv mf sfv f

sfv mf sfv p

sfv f sfv pp

sfv f sfv mp sfv mf sfv p sfv mf sfv f

sfv mf sfv p

sfv f sfv pp

sfv f sfv mp sfv mf sfv p sfv mf sfv f

166

sfv pp sfv f sfv p sfv mf sfv mp sfv f

sfv pp sfv f sfv p sfv mf sfv mp sfv f

sfv pp sfv f sfv p sfv mf sfv mp sfv f

IV (cross strings) I

IV (cross strings) I

IV (cross strings) I

sp F5

sp F1

sp F9

Gb7 G9 F#9

Gb3 G5 F#1

Gb5 G1 F#1

xviii. big vib

♩ = 60

174 | big vibrato

174 I big vibrato

sfv pp

N°
I big vibrato

sfv pp range indicates the full length of the string

I big vibrato

sfv pp

I big vibrato

sfv pp

xix. altieri unison special

181

ff

sp----->(N)----->sp----->(N)----->sp----->(N)----->sp----->(N)

sp----->(N)----->sp----->(N)----->sp----->(N)----->sp----->(N)

sp----->(N)----->sp----->(N)----->sp----->(N)----->sp----->(N)

sp----->(N)----->sp----->(N)----->sp----->(N)----->sp----->(N)

xx. double duo

187

f

ric (ind)-----

7 9 6

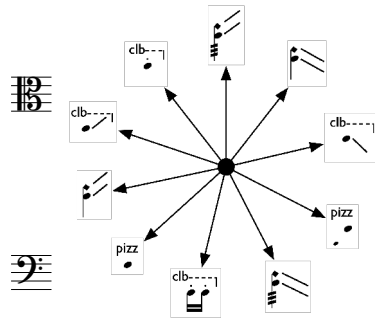
Vin I and II are independent of Vla and Vc.
In close canon with each other, not rhythmic unison.
Use each fermatta to switch who is in the lead of the canon.
Due to the bowing technique, each player will sound different from the other

ric (ind)-----

7 9 6

(N)----->sp

(N)----->sp



react to the material in the violins with the given sounds
dynamic level should match or exceed that of the violins, popping out of the texture
create a texture behind the duo similar to earlier sections in the music
react to loud sounds in the violins with microtonal double stops

ric (ind) ric (ind)

ric (ind) ric (ind)



Vn I or II should arrive here first
all others should arrive soon after
the gesture is not together
the gesture is a stretto

The image displays a musical score for the piece "The Gesture is a Stretto" by John Cage. The score is written for two vocal parts and piano accompaniment. The vocal parts are labeled "ric (ind)" and "exp". The piano part is labeled "piano". The score is in 2/4 time and features a key signature of one sharp (F#). The vocal parts consist of two staves, each with a treble clef. The piano part consists of two staves, each with a bass clef. The score includes various musical notations such as notes, rests, and dynamic markings. The tempo is marked "Allegretto". The score is divided into measures, with some measures containing multiple notes. The overall structure of the score is complex, with many measures and a variety of musical elements.

xxi. professor
dr. squiggly, dma

circular bowing (16th note pulse)
moving between overpressure and not
exaggerate the accents (the pitch should be apparent on the accents)
all notes are between G6 and G7 (vc/vla) or G7 and G8 (vln i + ii)
players are not in rhythmic unison, but in canon
section lasts for an indeterminate amount of time

189 H° C sul I
players are not in rhythmic unison, but in canon
section lasts for an indeterminate amount of time

189 H° C sul I
players are not in rhythmic unison, but in canon
section lasts for an indeterminate amount of time

190 H° C sul I
191 H° C sul I
192 H° C sul I
193 H° C sul I
194 H° C sul I
195 H° C sul I

range indicates the full range of the instrument

batt.

197

range indicates the full range of the instrument
batt.

range indicates the full range of the instrument
batt.

range indicates the full range of the instrument
batt.

range indicates the full range of the instrument
batt.

range indicates the full range of the instrument
batt.

range indicates the full range of the instrument
batt.

202

xxiii. bela iii

ff

ff

ff

ff

207

xiv. rising/falling 8 sec

con sordino sul pont

pp cresc poco a poco

con sordino sul pont

pp cresc poco a poco

8 sec

ff

8 sec

ff

bow together with cello to bar 226

bow together with viola to bar 226

212

6 7 5 5

7 6 5 3 3 6 7

5 5 6

6 5 5

6 5 5

6 5 5

continue bowing together gradually increase bowing speed to bar 224

continue bowing together gradually increase bowing speed to bar 224

follow the provided shape, continuing to play microtonal arpeggios as before
get higher and higher, approaching the bridge of the E string

220

5 6 6 6 3 3 7 5 3 3 6 7 5 5

5 6 6 6 6 6 5 5 6 6 3 7 6 6 7 6 5

xxv. a situation of unpredictability (homage to david tudor)

an alternative ending is to follow the piece with the last 5 bars of Lyra (2007/2010)

- 90 seconds

p the tones should be unstable
move between sul pont and sul tastò
sometimes the sound of the bow should be louder than the tone
like starlight

p

- 90 seconds

ff relatively soft
irregular overpressure clicks to very short buzzes - no other sound
each player should make 1-5 clicks per second
constantly change left hand fingering - all fingerings are possible
constantly change bow position from sul pont to sul tastò
vertical, horizontal, and diagonal bowing are acceptable
occasionally touch both the hair and the wood to the string
occasionally lift the left hand off the string

the effect should be of a constantly moving resonant filter over bursts of noise