

Vertices

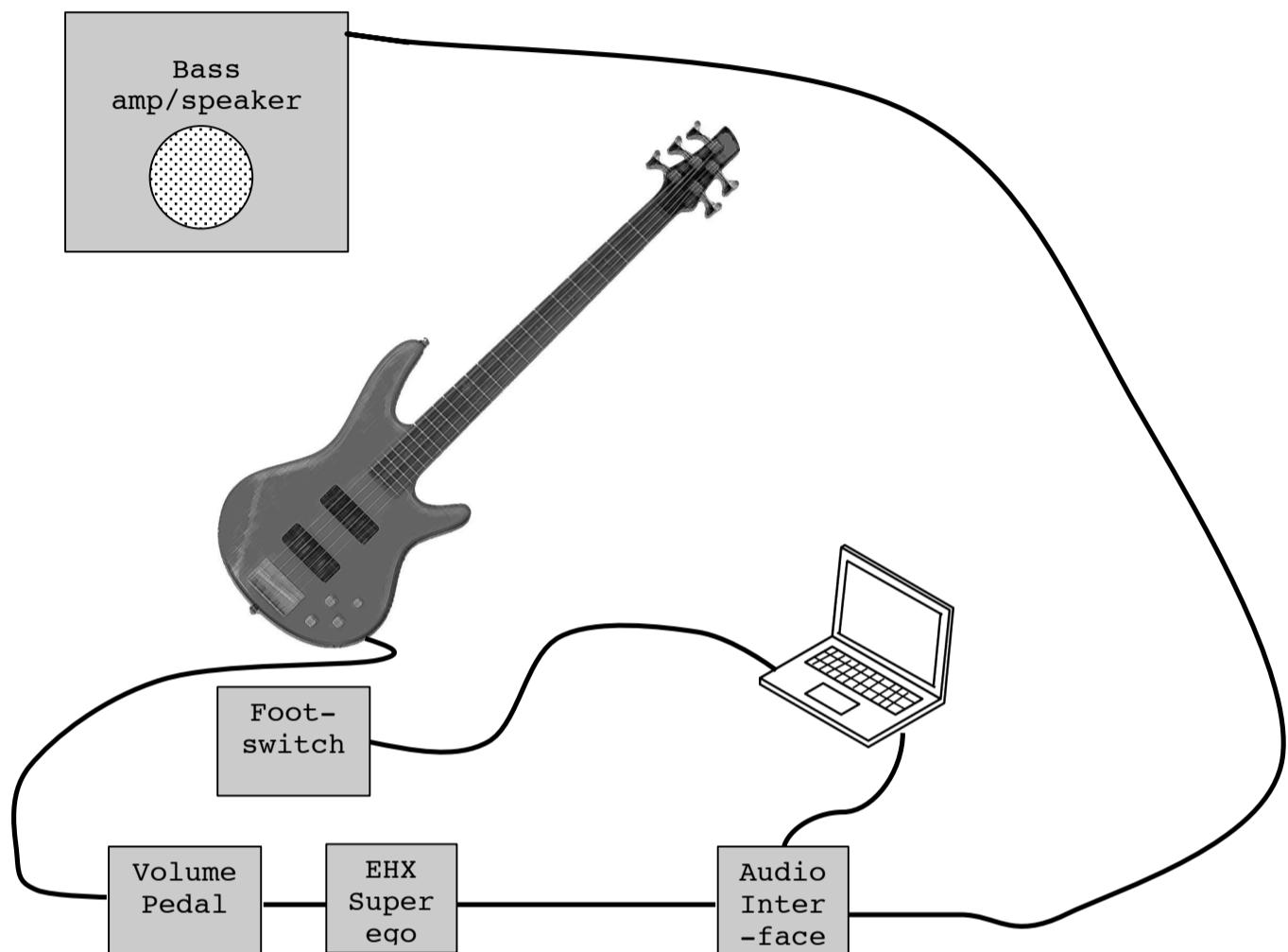
for solo electric bass with live electronics

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Vertices

for solo electric bass (5-string, 24 frets) with live electronics
commissioned by Dave Riedstra
duration: ~8'00"

Stage setup



Requirements:

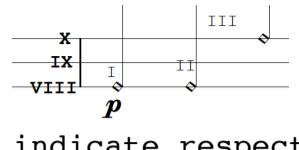
5-string bass with 24 frets
Volume Pedal
Electroharmonix Superego Pedal
Audio-interface (1 input, 1 output)
Computer with Max/MSP or Max Runtime; patch is included in this score
USB or midi footswitch
Bass amp (combo or cab+amp)
Cables

Notation and Performance notes:

Select bridge pickup and turn up treble and higher mids(if EQ available), so as to permit all harmonics and multiphonics to be clearly audible. If the instrument has no EQ, bass amp EQ should be set accordingly. Otherwise, all settings should be at 12 'o clock ("neutral").

 Bridge clef: this clef schematically indicates the point of plucking/tapping finger placement between bridge saddles (upper end) and beginning of fingerboard across the pickup(s). If the instrument used for performance has not 2 but more or less pickups or has differing pickup placement, the scheme is to be understood as depicting relations between nut and 24th fret of the fret board.

 Pluck an octave above the (fingered/open string) note. This will result in a sub-octave to the sound.

In addition to regular tablature (TAB) notation, this piece makes use of a "micro-tablature" staff, which allows for a more specific indication of nodes (diamond-shaped note-heads) between frets (bold Roman numbers). Roman numbers above diamond-shaped note-heads indicate respective string. A detailed mapping of the resulting multiphonics can be found on the next page.

Unless indicated otherwise, all harmonics are to be played laissez-vibrez, i.e. harmonics should sound as long as possible and fade out naturally (or until next note on same string is played).

Volume pedal levels are to be understood as relative values (percentages), with 0% = 0dB and 100% = max dB.

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Fast $\text{♩} = 120-130$

tap with finger tips, no accents

play at least 10 seconds

approx. 10 seconds

play another 15 seconds

Bass bridge

Volume Pedal 0% — 100%

ppp semper sim.

ϕ dampen all strings with left hand (fingers 1-4 flat on strings around fret V)

S.E.

approx. 10 seconds

ϕ

activate Superego ad lib. as you gliss down

as before

continue rhythm as before while slowly sliding towards 7th fret with picking hand; this should take at least 15 seconds

gliss.

gliss.

rit.

Bass

approx. 5 seconds

approx. 10 seconds

as before; take approximately 5 seconds

approx. 10 seconds

M. Pd.

ϕ

rit. $\text{♩} = 75-80$

gliss.

gliss.

1 start recording buffer 1

2 start playback buffer 1 @ 1

3 stop recording

Bass

$\text{♩} = 75-80$

dampen strings ϕ

laissez vibrer sempre

pluck octave above

S.E.

ppp

A $\text{♩} = 75$

2

7 l.v. sempre

Bass

Guitar

pp sempre

x2

$\text{♩} = 150$

16

x3

Bass

T A B

12 7 5 7 12 5 8 3 12 12 7 5

x3

24

x3

Bass

T A B

12 12 5 12 5 12 7 3 12 12 3 12 7 4 12 12-12

x3

B $\text{♩} = \text{♩}$
 $\text{♩} = 75$

rit. $\text{♩} = 140$
 $\text{♩} = 70$

30

let swelling of SuperEgo fully develop; approx. 10 sec.

Bass

T A B

mf pp f pp p

x4

S.E.

Make sure that at this point, most of the audible sound is made up by previous harmonic D#

38

Bass

S.E.

mf *f* *mf*

3

4

=

J = 55-60

45 1.v. *sempre*

Bass

S.E.

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

x3

3

4

M.Pd.

4 start playback buffer 1 @ 1-8/9

=

C

Bass

S.E.

pp *sempre*

M.Pd.