

Pinholes / חורי הצצה
 piece #1 from the cycle Vertriloquist Terrorism
 מתוך מחזור "אימה פיתומית" - יצירה ראשונה
 גרסת קונצרט בתיבה

Eran Sachs, 2019

Legend 1 - accidentals:

Baritone Saxophone

'C C C' Clem Ca

Legend 2 - time brackets

25"-45"

player chooses loop time according to time specifications. One loop duration is selected it remains set

Legend 3 - timbre and spectrum:

Br. Sax

Cb.

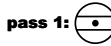
- etc. are timbral variations / propositions

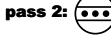
- etc. are timbral variations / propositions

A1

Br. Sax

pp


pass 1: 

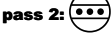
pass 2: 

Cb.

48/24

pp

pass 1: 

pass 2: 

Comp.

2.

27
54

pp

1:1

25
35

27
54

25
35

5

Br. Sax

Cb.

Comp.

28
(49)

42

49

A2

6

Br. Sax

Cb.

pp

pp

12

Br. Sax

Cb.

19:20

4:5

18

18

36

cresc.

mp

B1

15
Baritone Saxophone

14
Contrabass *ppp* **24**

Contrabass **24**

Computer *ppp* **27** 9:8

Computer **27**

hold for 8 cycles of the rhythmic pattern

17
Br. Sax wait until bass drops *ppp*

Comp.

20
Br. Sax wait until computer drops

Br. Sax **22**

Cb. *ppp* **25**

Cb.

Comp. *ppp* **27**

hold for 8 measures of the rhythmic interference pattern

23

Br. Sax

Cb.

25

Br. Sax

ppp

Cb.

27

Br. Sax

Cb.

hold for 16 measures of the rhythmic interference pattern

26

Comp.

p

25:26:27

B2

30

Br. Sax

wait until computer drops

ppp

Cb.

wait until bass drops
and leave after 2 measures

25

24

ppp

ppp

Comp.

28

28

ppp

ppp

25:26:28

12:13:14

B3

38

Br. Sax

Cb.

Comp.

ppp *ppp* *ppp*

lascia vibrare *ppp* *ppp*

28 25

26

ppp

26:27:28 25:27

47

Br. Sax

Cb.

Comp.

ppp

dim. *ppp*

24

26

po *ppp* *po*

26:27 9:8

53

Br. Sax

Cb.

Comp.

15

24

2:3 5:6:8

C1

Baritone Saxophone

Musical notation for Baritone Saxophone. It features a treble clef, a key signature of one sharp (F#), and a 4/4 time signature. The piece begins with a *pppp* dynamic. The first two measures contain eighth-note patterns. A repeat sign follows, with a *pppp* dynamic. The third measure of the repeat has a circled '6' above it. The final two measures of the repeat feature a melodic line with a '+' sign above the first note and a slur over the entire phrase.

Contrabass

Musical notation for Contrabass. It features a bass clef and a 4/4 time signature. The piece starts with a series of eighth notes. A repeat sign is present, with a *sfz* dynamic above and a *ff* dynamic below. The word *Arco* is written above the staff. The notation includes a bowing symbol (a square with a checkmark) and a slur over the notes. Below the staff, there are three circular diagrams representing bow positions: the first and third have three dots, and the second has two dots. A text instruction reads: "constantly move bow position between Ponticello and Tasto". The piece concludes with a *f* dynamic and a final bowing symbol.

Br. Sax

Musical notation for Br. Sax. It features a treble clef and a 4/4 time signature. The piece starts at measure 61. The notation includes a slur over the first two measures and a circled '6' above the first note. A repeat sign follows, with a slur over the final two measures.

Cb.

Musical notation for Cb. It features a bass clef and a 4/4 time signature. The piece starts with a *sfz* dynamic and a *ff* dynamic. The word *Arco* is written above the staff. The notation includes a bowing symbol and a slur over the notes. Below the staff, there are three circular diagrams representing bow positions: the first and third have three dots, and the second has two dots. The piece then moves to measure 12 with a *ff* dynamic and the instruction "lacia vibrare". It features a *pizz.* dynamic and a *sfz* dynamic. The word *Arco* is written above the staff. The notation includes a bowing symbol and a slur over the notes. Below the staff, there are three circular diagrams representing bow positions: the first and third have three dots, and the second has two dots. The piece concludes with a *ff* dynamic and the instruction "lacia vibrare".

65

Br. Sax

mp *f* *ff* *mp*

sfz

Arco

Cb.

sfz *ff* *f* *sfz* *ff*

68

Br. Sax

f *mp* *mp* *f* *ff*

sfz

pizz. *Arco*

Cb.

f *sfz* *ff* *f*

lacia vibrare

search for the note 'E,
gliding over and back in a pendulum motion

repeat many times,
each player chooses own time signature

81

Br. Sax

Cb.

Comp.

35

83

Br. Sax

Cb.

Comp.

9:13

110
108
98
92
84
77

71
60
58
48
42
34
27
22

89

Br. Sax

Cb.

Comp.

f

3

5

45

45

45

45

45

45

45

50

26:45

mp

0

90

Br. Sax

Cb.

ff

mp

ff

mp

50

63

f

mp

25:27

6:7

96

Baritone Saxophone

Contrabass

pppp

pppp

16

16

pppp

pppp

D1

98

Br. Sax

ppp

Cb.

28 30 14 30 30 28 56 54 56

ppp

Comp.

28 27 28

Detailed description: This system of music covers measures 98 to 106. The Br. Sax part (top staff) begins at measure 98 with a treble clef and a key signature of one sharp (F#). It features a series of eighth notes with stems pointing up, each followed by a quarter rest. The dynamic marking is *ppp*. The Cb. part (middle staff) starts at measure 98 with a bass clef and a key signature of one sharp. It consists of eighth notes with stems pointing down, followed by quarter rests. The dynamic marking is *ppp*. The Comp. part (bottom staff) has a bass clef and a key signature of one sharp. It shows a sequence of eighth notes with stems pointing down, followed by quarter rests. The dynamic marking is *ppp*. Measure numbers 28, 30, 14, 30, 30, 28, 56, 54, 56 are placed above the Cb. staff. Measure numbers 28, 27, 28 are placed above the Comp. staff.

107

Br. Sax

pp

Cb.

54 54 14 54

pp

Comp.

27 27 14 27

pp

Detailed description: This system of music covers measures 107 to 114. The Br. Sax part (top staff) begins at measure 107 with a treble clef and a key signature of one sharp. It features a sequence of notes with stems pointing up, followed by quarter rests. The dynamic marking is *pp*. The Cb. part (middle staff) starts at measure 107 with a bass clef and a key signature of one sharp. It consists of eighth notes with stems pointing down, followed by quarter rests. The dynamic marking is *pp*. The Comp. part (bottom staff) has a bass clef and a key signature of one sharp. It shows a sequence of eighth notes with stems pointing down, followed by quarter rests. The dynamic marking is *pp*. Measure numbers 54, 54, 14, 54 are placed above the Cb. staff. Measure numbers 27, 27, 14, 27 are placed above the Comp. staff.

120

Br. Sax

ppp *ppp* *ppp* *ppp* *ppp*

Cb.

40

Comp.

42
41

D3

Baritone sax may choose notes either from own part or from clocked pings

121 1 cycle=20"-45" \pm repeat for 2 minutes

Br. Sax

pp

arco/pizz. 66/63/60 21/14 - (ppp)/ 6

Cb.

ppp

arco/pizz. 66/63/60 21/14 - (ppp)/ 6

1 cycle=20"-45"

Comp.

cycle=0.1035 hz (λ = 6.21), F#

cycle=0.09 hz (λ = 5.4), G#

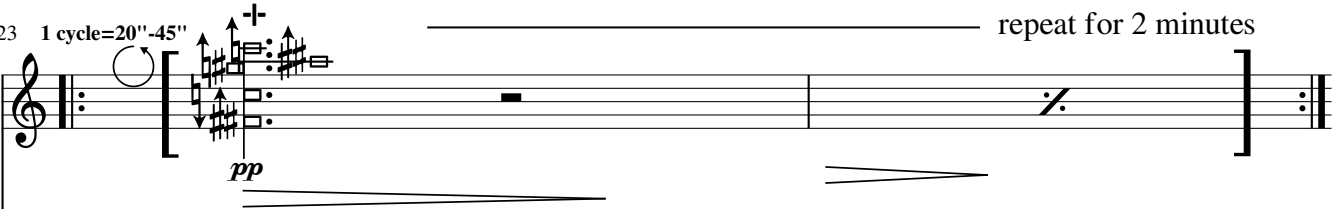
cycle=0.068 hz (λ = 4.08), D

cycle=0.084 hz (λ = 5.04), F#

cycle=0.14 hz (λ = 8.4), G#

123 1 cycle=20"-45" repeat for 2 minutes

Br. Sax

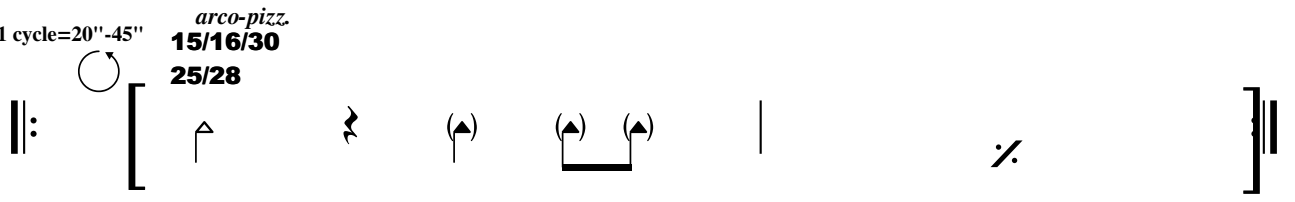


pp

Detailed description: This staff shows the beginning of a piece for Br. Sax. It starts with a treble clef, a key signature of two sharps (F# and C#), and a common time signature. The first measure contains a complex cluster of notes with various accidentals. A circular arrow above the first measure indicates a cycle of 20"-45". The piece continues with a few more notes and rests, ending with a repeat sign and a double bar line. A dynamic marking of *pp* is present.

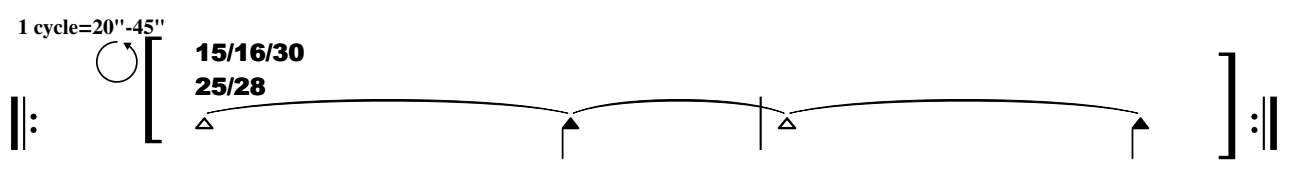
Cb.

1 cycle=20"-45" arco-pizz. 15/16/30 25/28



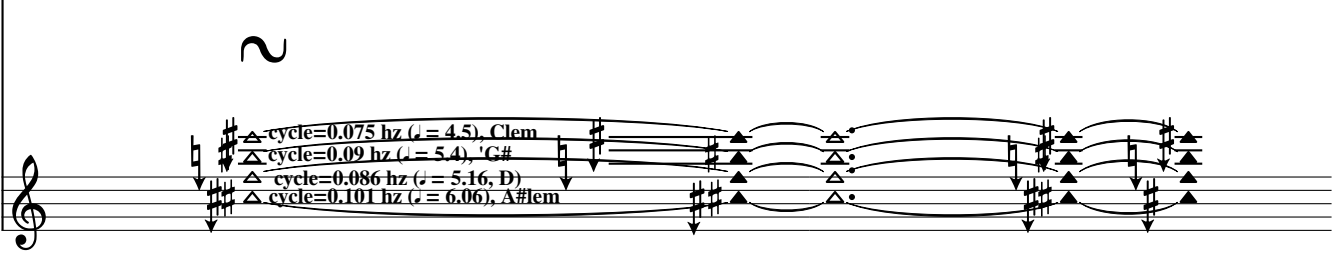
Detailed description: This staff is for Contrabass. It begins with a double bar line and a repeat sign. A circular arrow indicates a cycle of 20"-45". The notation includes several upward-pointing arrows and a zigzag line, characteristic of arco-pizzicato. The piece concludes with a repeat sign and a double bar line.

1 cycle=20"-45" 15/16/30 25/28



Detailed description: This staff continues the Contrabass part. It features a circular arrow for a 20"-45" cycle and a series of upward-pointing arrows connected by a long horizontal line, indicating sustained notes. The piece ends with a repeat sign and a double bar line.

Comp.



△ cycle=0.075 hz (i = 4.5), Clem
△ cycle=0.09 hz (i = 5.4), G#
△ cycle=0.086 hz (i = 5.16, D)
△ cycle=0.101 hz (i = 6.06), A#lem

Detailed description: This staff is for Computed Music. It features a treble clef and a key signature of two sharps. The notation consists of several horizontal lines with small triangles and arrows, representing specific frequencies and cycles. The piece ends with a double bar line.

New Appendix (insert before D if possible)

125

Br. Sax *pppp* *pppp*

Cb. **16** *pppp* **16** *pppp*

E1

Baritone Saxophone

Contrabass **21** **42** **20** **20** **7/21/42** **7/21/42**

Computer **40** **40** **21** **21** **36/18/9** **36/18/9**

4

Br. Sax

Cb. **25/35** **25/35** **42** **40**

Comp. **25/66** **25/66** **38**

6

Br. Sax

Cb. **36/42** **41** **28** **16/32**

Comp. **22**

9

Br. Sax

E2

mf *f*

Cb.

28 40 42

listen to sax's 7th partial and gently merge into sax. timbre

42 40 42

pp (find the relevant level) *pp* (still in relation to sax's 7th partial)

Comp.

18

1/2/4:7

1:7 6:5

15

Br. Sax

Cb.

21 21 40

64:63 1/2/4:7 16:15

19 *D.S.*

Br. Sax

Cb.

Comp.

Baritone Saxophone

mf

tap teeth on sax according to beating tempo

Contrabass

mf

vary tremolo pattern according to beating tempo

Computer

mp

Baritone Saxophone

mf *mf* *mf* *mf*

Contrabass

mp 40 40 40 40

Computer

42
41
p

Br. Sax

mf *mf*

Cb.

Comp.

Baritone Saxophone

mp *p* *pp* *ppp*

Contrabass

21 20 27 27 27
mp *ppp*

1/2/4:7 16:15 3:2 3:2 1:1