

KOEPF

FOR NATASCHAS BASS FLUTE AND LIVE-COMPUTER

feedback studio
verlag

FB 0102

FOR NATASCHAS BASS FLUTE AND LIVE-COMPUTER

Siegfried Koepf 1994-2001

Das Stück besteht aus einer Folge von 145 Ereignissen (Griffkombinationen) wobei jedes Ereignis einem 4/4-Takt zugeordnet ist.

Die Folge von Ereignissen wird vom Interpreten absolviert und vom Live-Delay (Computer) aufgezeichnet. Das Signal wird vom Computer nach 29 Takten wieder eingespielt und die Summe erneut zum Delay geschickt etc. Dadurch wird das Stück in fünf Teile mit jeweils 29 Takten gegliedert und es entsteht ein fünfstimmiger Kanon. Das Stück und die Delay-Prozedur enden mit dem 145. Ereignis.

Das erste Ereignis jedes Teils muss im ersten Takt des entsprechenden Teils beginnen.
Das letzte Ereignis jedes Teils muss im letzten Takt des entsprechenden Teils enden.

Alle übrigen Ereignisse n können
in Takt n beginnen und enden, oder
in Takt n beginnen und in Takt $n+1$ übergebunden werden, oder
in Takt $n-1$ beginnen und in Takt n übergebunden werden.

Innerhalb dieser Grenzen ist die Dauer jedes Ereignisses frei.

Jede Griffkombination soll vom Interpreten als Mehrklang (multiphonic) bei tendenziell gleichbleibender Dynamik realisiert werden.

Das Tempo soll zwischen $1/4 = 1750$ Millisekunden (d.h. $1/4 = \text{MM } 34.29$) und $1/4 = 2000$ Millisekunden (d.h. $1/4 = \text{MM } 30.00$) festgelegt werden. Die Dauer des Stücks liegt entsprechend zwischen minimal 16:55 Min. und maximal 19:20 Min.

The piece consists of a sequence of 145 events (or fingerings), whereby each event is allocated to a 4/4 bar.

The event sequence is executed by the performer and recorded by a (computer) live-delay system. The recording is played back after 29 bars and the combined sound sent back to the delay, and so on. The piece is thus shaped into five sections of 29 bars each, giving rise to a five-part canon. The piece and the delay procedure end after the 145th event.

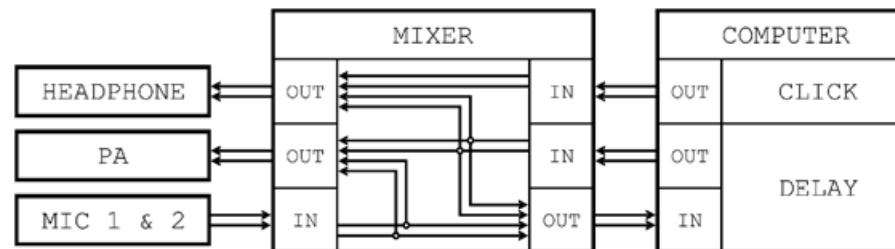
The first event of each section must begin in the first bar of the corresponding section.
The final event of each section must end in the final bar of the corresponding section.

All remaining events n can
begin and end in bar n , or
begin in bar n and continue into bar $n+1$, or
begin in bar $n-1$ and continue into bar n .

Within these given constraints the duration of every event is up to the performer.

Every fingering is to be realized as a multiphonic without basically altering the dynamic level.

The tempo should be fixed at a quarter-note between 1750 milliseconds (i.e. $1/4 = \text{MM } 34.29$) and 2000 milliseconds (i.e. $1/4 = \text{MM } 30.00$). The duration of the piece will correspondingly lie between 16m 55s and 19m 20s.



FOR NATASCHAS BASS FLUTE AND LIVE-COMPUTER

Siegfried Koepf 1994-2001

1

2

3

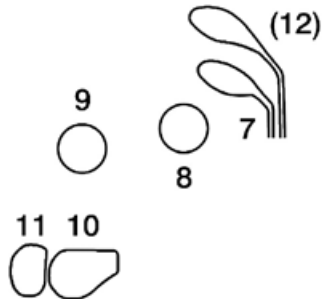
No. [Pressed keys]

(Closed bores)

1 [3 9]	(13)	30 [3 4 5 7 11]	(4 5 7 8 9 11 12)	59 [1 4 6 7 8 10]	(1 2 3 4 6 7 8 9 10 11 12)
2 [3 10]	(12)	31 [3 4 6 7 9]	(4 6 7 8 9 11 13)	60 [1 4 6 7 9 10]	(1 2 3 4 6 7 8 9 11 12 13)
3 [3 11]	(11 12)	32 [3 4 6 7 10]	(4 6 7 8 9 11 12)	61 [1 5 6 7 8 9]	(1 2 3 5 6 7 8 9 10 11 13)
4 [3 7 11]	(8 9 11 12)	33 [3 5 6 7 9]	(5 6 7 8 9 11 13)	62 [1 5 6 7 8 10]	(1 2 3 5 6 7 8 9 10 11 12)
5 [3 8 9]	(10 11 13)	34 [3 5 6 7 10]	(5 6 7 8 9 11 12)	63 [1 5 6 7 9 10]	(1 2 3 5 6 7 8 9 11 12 13)
6 [3 8 10]	(10 11 12)	35 [3 6 7 8 9]	(6 7 8 9 10 11 13)	64 [2 3 4 5 7 11]	(2 4 5 7 8 9 11 12)
7 [3 9 10]	(12 13)	36 [3 6 7 8 10]	(6 7 8 9 10 11 12)	65 [2 3 4 6 7 9]	(2 4 6 7 8 9 11 13)
8 [3 9 11]	(11 12 13)	37 [3 6 7 9 10]	(6 7 8 9 11 12 13)	66 [2 3 4 6 7 10]	(2 4 6 7 8 9 11 12)
9 [3 6 7 9]	(6 7 8 9 11 13)	38 [3 7 8 9 10]	(8 9 10 11 12 13)	67 [2 4 5 6 7 9]	(2 3 4 5 6 7 8 9 11 13)
10 [3 6 7 10]	(6 7 8 9 11 12)	39 [4 5 6 7 9]	(3 4 5 6 7 8 9 11 13)	68 [2 4 5 6 7 10]	(2 3 4 5 6 7 8 9 11 12)
11 [3 7 8 9]	(8 9 10 11 13)	40 [4 5 6 7 10]	(3 4 5 6 7 8 9 11 12)	69 [2 4 5 7 8 9]	(2 3 4 5 7 8 9 10 11 13)
12 [3 7 8 10]	(8 9 10 11 12)	41 [4 5 7 8 9]	(3 4 5 7 8 9 10 11 13)	70 [2 4 5 7 8 10]	(2 3 4 5 7 8 9 10 11 12)
13 [3 7 9 11]	(8 9 11 12 13)	42 [4 5 7 8 10]	(3 4 5 7 8 9 10 11 12)	71 [2 4 5 7 9 11]	(2 3 4 5 7 8 9 11 12 13)
14 [3 8 9 10]	(10 11 12 13)	43 [4 5 7 9 11]	(3 4 5 7 8 9 11 12 13)	72 [2 4 6 7 8 9]	(2 3 4 6 7 8 9 10 11 13)
15 [4 5 7 11]	(3 4 5 7 8 9 11 12)	44 [4 6 7 8 9]	(3 4 6 7 8 9 10 11 13)	73 [2 4 6 7 8 10]	(2 3 4 6 7 8 9 10 11 12)
16 [4 6 7 9]	(3 4 6 7 8 9 11 13)	45 [4 6 7 8 10]	(3 4 6 7 8 9 10 11 12)	74 [2 4 6 7 9 10]	(2 3 4 6 7 8 9 11 12 13)
17 [4 6 7 10]	(3 4 6 7 8 9 11 12)	46 [4 6 7 9 10]	(3 4 6 7 8 9 11 12 13)	75 [2 5 6 7 8 9]	(2 3 5 6 7 8 9 10 11 13)
18 [5 6 7 9]	(3 5 6 7 8 9 11 13)	47 [5 6 7 8 9]	(3 5 6 7 8 9 10 11 13)	76 [2 5 6 7 8 10]	(2 3 5 6 7 8 9 10 11 12)
19 [5 6 7 10]	(3 5 6 7 8 9 11 12)	48 [5 6 7 8 10]	(3 5 6 7 8 9 10 11 12)	77 [2 5 6 7 9 10]	(2 3 5 6 7 8 9 11 12 13)
20 [1 4 5 7 11]	(1 2 3 4 5 7 8 9 11 12)	49 [5 6 7 9 10]	(3 5 6 7 8 9 11 12 13)	78 [3 4 5 6 7 9]	(4 5 6 7 8 9 11 13)
21 [1 4 6 7 9]	(1 2 3 4 6 7 8 9 11 13)	50 [1 3 4 5 7 11]	(1 2 4 5 7 8 9 11 12)	79 [3 4 5 6 7 10]	(4 5 6 7 8 9 11 12)
22 [1 4 6 7 10]	(1 2 3 4 6 7 8 9 11 12)	51 [1 3 4 6 7 9]	(1 2 4 6 7 8 9 11 13)	80 [3 4 5 7 8 9]	(4 5 7 8 9 10 11 13)
23 [1 5 6 7 9]	(1 2 3 5 6 7 8 9 11 13)	52 [1 3 4 6 7 10]	(1 2 4 6 7 8 9 11 12)	81 [3 4 5 7 8 10]	(4 5 7 8 9 10 11 12)
24 [1 5 6 7 10]	(1 2 3 5 6 7 8 9 11 12)	53 [1 4 5 6 7 9]	(1 2 3 4 5 6 7 8 9 11 13)	82 [3 4 5 7 9 11]	(4 5 7 8 9 11 12 13)
25 [2 4 5 7 11]	(2 3 4 5 7 8 9 11 12)	54 [1 4 5 6 7 10]	(1 2 3 4 5 6 7 8 9 11 12)	83 [3 4 6 7 8 9]	(4 6 7 8 9 10 11 13)
26 [2 4 6 7 9]	(2 3 4 6 7 8 9 11 13)	55 [1 4 5 7 8 9]	(1 2 3 4 5 7 8 9 10 11 13)	84 [3 4 6 7 8 10]	(4 6 7 8 9 10 11 12)
27 [2 4 6 7 10]	(2 3 4 6 7 8 9 11 12)	56 [1 4 5 7 8 10]	(1 2 3 4 5 7 8 9 10 11 12)	85 [3 4 6 7 9 10]	(4 6 7 8 9 11 12 13)
28 [2 5 6 7 9]	(2 3 5 6 7 8 9 11 13)	57 [1 4 5 7 9 11]	(1 2 3 4 5 7 8 9 11 12 13)	86 [3 5 6 7 8 9]	(5 6 7 8 9 10 11 13)
29 [2 5 6 7 10]	(2 3 5 6 7 8 9 11 12)	58 [1 4 6 7 8 9]	(1 2 3 4 6 7 8 9 10 11 13)	87 [3 5 6 7 8 10]	(5 6 7 8 9 10 11 12)

4

- 88 [3 5 6 7 9 10] (5 6 7 8 9 11 12 13)
 89 [3 6 7 8 9 10] (6 7 8 9 10 11 12 13)
 90 [4 5 6 7 8 9] (3 4 5 6 7 8 9 10 11 13)
 91 [4 5 6 7 8 10] (3 4 5 6 7 8 9 10 11 12)
 92 [4 5 6 7 9 10] (3 4 5 6 7 8 9 11 12 13)
 93 [4 5 7 8 9 10] (3 4 5 7 8 9 10 11 12 13)
 94 [4 6 7 8 9 10] (3 4 6 7 8 9 10 11 12 13)
 95 [5 6 7 8 9 10] (3 5 6 7 8 9 10 11 12 13)
 96 [1 3 4 5 6 7 9] (1 2 4 5 6 7 8 9 11 13)
 97 [1 3 4 5 6 7 10] (1 2 4 5 6 7 8 9 11 12)
 98 [1 3 4 5 7 8 9] (1 2 4 5 7 8 9 10 11 13)
 99 [1 3 4 5 7 8 10] (1 2 4 5 7 8 9 10 11 12)
 100 [1 3 4 5 7 9 11] (1 2 4 5 7 8 9 11 12 13)
 101 [1 3 4 6 7 8 9] (1 2 4 6 7 8 9 10 11 13)
 102 [1 3 4 6 7 8 10] (1 2 4 6 7 8 9 10 11 12)
 103 [1 3 4 6 7 9 10] (1 2 4 6 7 8 9 11 12 13)
 104 [1 4 5 6 7 8 9] (1 2 3 4 5 6 7 8 9 10 11 13)
 105 [1 4 5 6 7 8 10] (1 2 3 4 5 6 7 8 9 10 11 12)
 106 [1 4 5 6 7 9 10] (1 2 3 4 5 6 7 8 9 11 12 13)
 107 [1 4 5 7 8 9 10] (1 2 3 4 5 7 8 9 10 11 12 13)
 108 [1 4 6 7 8 9 10] (1 2 3 4 6 7 8 9 10 11 12 13)
 109 [1 5 6 7 8 9 10] (1 2 3 5 6 7 8 9 10 11 12 13)
 110 [2 3 4 5 6 7 9] (2 4 5 6 7 8 9 11 13)
 111 [2 3 4 5 6 7 10] (2 4 5 6 7 8 9 11 12)
 112 [2 3 4 5 7 8 9] (2 4 5 7 8 9 10 11 13)
 113 [2 3 4 5 7 8 10] (2 4 5 7 8 9 10 11 12)
 114 [2 3 4 5 7 9 11] (2 4 5 7 8 9 11 12 13)
 115 [2 3 4 6 7 8 9] (2 4 6 7 8 9 10 11 13)
 116 [2 3 4 6 7 8 10] (2 4 6 7 8 9 10 11 12)



5

- 117 [2 3 4 6 7 9 10] (2 4 6 7 8 9 11 12 13)
 118 [2 4 5 6 7 8 9] (2 3 4 5 6 7 8 9 10 11 13)
 119 [2 4 5 6 7 8 10] (2 3 4 5 6 7 8 9 10 11 12)
 120 [2 4 5 6 7 9 10] (2 3 4 5 6 7 8 9 11 12 13)
 121 [2 4 5 7 8 9 10] (2 3 4 5 7 8 9 10 11 12 13)
 122 [2 4 6 7 8 9 10] (2 3 4 6 7 8 9 10 11 12 13)
 123 [2 5 6 7 8 9 10] (2 3 5 6 7 8 9 10 11 12 13)
 124 [3 4 5 6 7 8 9] (4 5 6 7 8 9 10 11 13)
 125 [3 4 5 6 7 8 10] (4 5 6 7 8 9 10 11 12)
 126 [3 4 5 6 7 9 10] (4 5 6 7 8 9 11 12 13)
 127 [3 4 5 7 8 9 10] (4 5 7 8 9 10 11 12 13)
 128 [3 4 6 7 8 9 10] (4 6 7 8 9 10 11 12 13)
 129 [3 5 6 7 8 9 10] (5 6 7 8 9 10 11 12 13)
 130 [4 5 6 7 8 9 10] (3 4 5 6 7 8 9 10 11 12 13)
 131 [1 3 4 5 6 7 8 9] (1 2 4 5 6 7 8 9 10 11 13)
 132 [1 3 4 5 6 7 8 10] (1 2 4 5 6 7 8 9 10 11 12)
 133 [1 3 4 5 6 7 9 10] (1 2 4 5 6 7 8 9 11 12 13)
 134 [1 3 4 5 7 8 9 10] (1 2 4 5 7 8 9 10 11 12 13)
 135 [1 3 4 6 7 8 9 10] (1 2 4 6 7 8 9 10 11 12 13)
 136 [1 4 5 6 7 8 9 10] (1 2 3 4 5 6 7 8 9 10 11 12 13)
 137 [2 3 4 5 6 7 8 9] (2 4 5 6 7 8 9 10 11 13)
 138 [2 3 4 5 6 7 8 10] (2 4 5 6 7 8 9 10 11 12)
 139 [2 3 4 5 6 7 9 10] (2 4 5 6 7 8 9 11 12 13)
 140 [2 3 4 5 7 8 9 10] (2 4 5 7 8 9 10 11 12 13)
 141 [2 3 4 6 7 8 9 10] (2 4 6 7 8 9 10 11 12 13)
 142 [2 4 5 6 7 8 9 10] (2 3 4 5 6 7 8 9 10 11 12 13)
 143 [3 4 5 6 7 8 9 10] (4 5 6 7 8 9 10 11 12 13)
 144 [1 3 4 5 6 7 8 9 10] (1 2 4 5 6 7 8 9 10 11 12 13)
 145 [2 3 4 5 6 7 8 9 10] (2 4 5 6 7 8 9 10 11 12 13)

KEYS 1 - 12

