

Performance Notes

1 Instrumentation

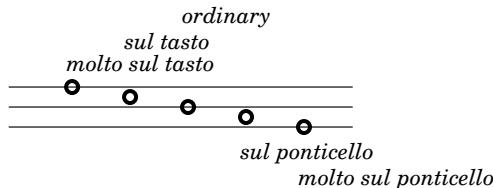
mbrsi/aurora has the following instrumentation:

- 12 violins
- 4 violas
- 4 cellos
- 2 contrabasses

2 Bowing

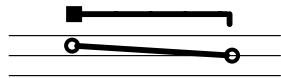
2.1 Bow Positions

Bow positions from *sul ponticello* to *sul tasto* are indicated in 3-line tablature fragments above the main staff:



2.2 Overpressure

Overpressure is indicated by a black box and bracket above the bowing-staff:



2.3 Circular Bowing / Ponticello-Tasto Tremoli

Zigzags on the bowing-staff indicate rapid circular bowing (essentially a tremolo from *sul tasto*

to *sul ponticello*):



2.4 Jete / Spiccato

Dotted lines on the bowing-staff indicate a *jéte* or similarly bounced bow:



3 Glissandi

3.1 Normal Glissandi

Two types of glissandi are prescribed. The first, with a straight line, is to be played as expected:



3.2 Oscillations

The second, with a zigzag-line, indicates a glissandi with a very, very wide vibrato, of at least a few semitones:



AURORA

for Ensemble Kaleidoskop

Josiah Wolf Oberholzer (1984)

J = 66

The musical score consists of 15 staves, each representing a different instrument or voice. The instruments listed on the left side of the score are: Violin 01, Violin 02, Violin 03, Violin 04, Violin 05, Violin 06, Violin 07, Violin 08, Violin 09, Violin 10, Violin 11, Violin 12, Viola 01, Viola 02, Viola 03, Viola 04, Cello 01, Cello 02, Cello 03, Cello 04, Contrabass 01, and Contrabass 02. The score is divided into three measures. In the first measure, most instruments play eighth-note patterns with dynamic markings like *fppp* and *p*. In the second measure, the patterns continue with some changes in dynamics and note heads. In the third measure, the patterns conclude with final dynamic markings such as *p*, *fppp*, and *p>*.

(7)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

(III-III-IV) Pizz.

Violin 09

Violin 10

Violin 11

Violin 12

Violin 01

Violin 02

Violin 03

Violin 04

Violin 01

Cello 01

Cello 02

Cello 03

Cello 04

Double Bass 01

Double Bass 02

(7)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

(1)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

(15)

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

(P)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

(23)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(3)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin og

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(7)

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

Pizz.

(IV-III-II-I)

ppp

p

f

ff

dotted line

slur

dynamic marking

articulation

performance instruction

measure line

(II)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Pizz.

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

(45)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(79)

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin n

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

53

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

57

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(6)

Violin or

Violin o2

Violin o3 (IV-III-II-IV) (I-III-IV)

Violin o4

Violin o5 (IV-III-II-IV) (I-III-IV)

Violin o6 (IV-III-II-IV) (I-III-IV)

Violin o7

Violin o8

Violin o9

Violin o10 (IV-III-II-IV) (I-III-IV)

Violin o11

Violin o12 (IV-III-II-IV) (I-III-IV) ppp

Viola or (I-III-IV)

Viola o2 (I-III-IV) fff p

Viola o3

Viola o4 (I-III-IV) p

Cello or (I-III-IV) ppp

Cello o2

Cello o3 (I-III-IV) mp

Cello o4 (I-III-IV) fff p

Contrabass or (I-III-IV) ff

Contrabass o2

63
 Violin o1
 Violin o2
 Violin o3
 Violin o4
 Violin o5
 Violin o6
 Violin o7
 Violin o8
 Violin o9
 Violin o10
 Violin o11
 Violin o12
 Viola o1
 Viola o2
 Viola o3
 Viola o4
 Cello o1
 Cello o2
 Cello o3
 Cello o4
 Contrabass o1
 Contrabass o2

(69)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(23)

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin n

Violin v1

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

(77)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin n

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(82)

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

(86)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(9)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

p

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

The musical score consists of two systems of four measures each. The first system starts with a dynamic of *p*. The instruments play various patterns of eighth and sixteenth notes, with some sustained notes and grace notes. The second system begins with a dynamic of *f*, followed by *p*, *f*, and *p* again. The third system starts with *p*, followed by *f*, *p*, and *f*. The fourth system ends with *p*.

(98)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

102

Violin o1
Violin o2
Violin o3
Violin o4
Violin o5
Violin o6
Violin o7
Violin o8
Violin o9
Violin o10
Violin o11
Violin o12
Viola o1
Viola o2
Viola o3
Viola o4
Cello o1
Cello o2
Cello o3
Cello o4
Contrabass o1
Contrabass o2

(105)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

108

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

(III)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Double Bass or

Double Bass o2

(115)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin n

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(119)

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Violoncello o1

Violoncello o2

Violoncello o3

Violoncello o4

Double Bass o1

Double Bass o2

(122)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5 (IV-III-II-D (I-II-III-IV))

Violin o6

Violin o7 (IV-III-II-C (I-II-III-IV))

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Violin or

Violin o2

Violin o3

Violin o4 (IV-III-II-D (I-II-III-IV))

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(126)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin n

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

130

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello or
Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

(134)

Violin or

Violin o2

Violin 3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin og

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(138)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

(ff)

Violin or

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9 (S III 21)

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

(145)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

149

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

(152)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

155

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

159

Violin o1
Violin o2
Violin o3
Violin o4
Violin o5
Violin o6
Violin o7
Violin o8
Violin og
Violin o10
Violin n
Violin o12

Viola o1
Viola o2
Viola o3
Viola o4

Cello o1
Cello o2
Cello o3
Cello o4

Contrabass o1
Contrabass o2

(163)

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

Measure 1: Violin o1 (p), Violin o2 (p), Violin o3 (p), Violin o4 (p), Violin o5 (p), Violin o6 (p), Violin o7 (ffpp), Violin o8 (ffpp), Violin o9 (ffpp), Violin o10 (ffpp), Violin o11 (ffpp), Violin o12 (ffpp). Viola o1 (p), Viola o2 (p), Viola o3 (p), Viola o4 (p), Cello o1 (p), Cello o2 (p), Cello o3 (p), Cello o4 (p), Contrabass o1 (p), Contrabass o2 (p).

Measure 2: Violin o1 (p), Violin o2 (p), Violin o3 (p), Violin o4 (p), Violin o5 (p), Violin o6 (p), Violin o7 (mf), Violin o8 (mf), Violin o9 (mf), Violin o10 (mf), Violin o11 (mf), Violin o12 (mf). Viola o1 (p), Viola o2 (p), Viola o3 (p), Viola o4 (p), Cello o1 (p), Cello o2 (p), Cello o3 (p), Cello o4 (p), Contrabass o1 (p), Contrabass o2 (p).

Measure 3: Violin o1 (p), Violin o2 (p), Violin o3 (p), Violin o4 (p), Violin o5 (p), Violin o6 (p), Violin o7 (p), Violin o8 (p), Violin o9 (p), Violin o10 (p), Violin o11 (p), Violin o12 (p). Viola o1 (p), Viola o2 (p), Viola o3 (p), Viola o4 (p), Cello o1 (p), Cello o2 (p), Cello o3 (p), Cello o4 (p), Contrabass o1 (p), Contrabass o2 (p).

Measure 4: Violin o1 (p), Violin o2 (p), Violin o3 (p), Violin o4 (p), Violin o5 (p), Violin o6 (p), Violin o7 (p), Violin o8 (p), Violin o9 (p), Violin o10 (p), Violin o11 (p), Violin o12 (p). Viola o1 (p), Viola o2 (p), Viola o3 (p), Viola o4 (p), Cello o1 (p), Cello o2 (p), Cello o3 (p), Cello o4 (p), Contrabass o1 (p), Contrabass o2 (p).

(167)

(171)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Contrabass 01

Contrabass 02

f

p

fpp

ffpp

Pizz.

arco

IV-III-4.0

IV-III-5.0

(175)

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02

(IV-B-12-2) (IV-B-12-10)

(IV-B-12-3) (IV-B-12-4)

(179)

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

(183)

Violin o1

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola o1

Viola o2

Viola o3

Viola o4

Cello o1

Cello o2

Cello o3

Cello o4

Contrabass o1

Contrabass o2

186

Violin or

Violin o2

Violin o3

(IV-II-III-IV) (IV-V)

fpp

p

(IV-II-III-IV)

fpp

p

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

(IV-II-III-V)

p

f

(IV-II-III-V) (IV-II-III-V)

fpp

p

Violin o10

(IV-II-III-IV)

p

(IV-II-III-IV) (IV-II-III-IV)

p

f

mf

Violin o11

(IV-II-III-IV)

p

fpp

p

Violin o12

Violoncello or

(IV-II-III-IV) (IV-II-III-IV)

p

Violoncello o2

(IV-II-III-IV)

p

f

(IV-II-III-IV)

fpp

p

Violoncello o3

(IV-II-III-IV)

p

fpp

p

Violoncello o4

Contrabass or

Contrabass o2

190

Violin ou

Violin o2

Violin o3

Violin o4

Violin o5

Violin o6

Violin o7

Violin o8

Violin o9

Violin o10

Violin o11

Violin o12

Viola or

Viola o2

Viola o3

Viola o4

Cello or

Cello o2

Cello o3

Cello o4

Contrabass or

Contrabass o2

194

Violin 01

Violin 02

Violin 03

Violin 04

Violin 05

Violin 06

Violin 07

Violin 08

Violin 09

Violin 10

Violin 11

Violin 12

Viola 01

Viola 02

Viola 03

Viola 04

Cello 01

Cello 02

Cello 03

Cello 04

Contrabass 01

Contrabass 02