

1 *Etwas rasch* (♩)

5-10: [3, 5, 6, 8, 9] C II

4-12: [6, 9, 10, 11] C II

4-13: [3, 6, 8, 9] C II

p zart, aber voll

1-3

Two forms of 6-27

6-27: [9, 0, 2, 3, 5, 6] C II

7-31: [9, 11, 0, 2, 3, 5, 6] C II

7-31: [6, 7, 9, 10, 0, 1, 3]

3-5 C II

3-8 C III

4-27: [5, 7, 10, 1] C I

A

C II e C III break apart

4-7

8

9

10

11

p

pp

pp

I.H. stacc.

5-18 hapt

5-6 hapt

7-11

12

13

14

15

f

poco a poco rit..

molto rit..

pp

4-29 C II

4-10 C I

4-3 C II

4-3 C I

7-31 C I

12-15

Op. 19/5 EXAMPLE 1

Op. 19-5/2

E-F unique to I

5-10: [3,5,6,8,9] CII

4.12

Op. 19-5/1

a)

4-7

b)

6-20: [0,1,4,5,8,9]

Op. 19-5/2

a)

6-27: [9,0,2,3,5,6] CII

7-31: [6,7,9,10,0,1,3] CIII

b) 7-31: [9,11,0,2,3,5,6] CII

3-5 CI

3-5 CII

Handwritten musical notation on a staff. The notes are: G², A², B², C³, D³, E³, F³, G³. Above the staff, there are brackets and labels: "3-5" under the first two notes, "4-23" above the last two notes of the first group, "4-215 CI" above the last two notes of the second group, and "4-229 CII" below the last two notes of the second group.

[Long-Range]

bars 7-8

Handwritten musical notation for bars 7-8. The notes are: G², A², B², C³, D³, E³, F³, G³. Above the staff, there are brackets and labels: "5-10: [8,11,0,2,3,7] CII" above the first two notes, "4-3: [11,0,2,3] CII" above the last two notes of the first group, and "3-2: [6,7,9] CIII" to the left of the first two notes.

mathematical reduction - large-scale

Handwritten musical notation for mathematical reduction. The notes are: G², A², B², C³, D³, E³, F³, G³. Below the staff, there are two labels: "4-121 [2,5,6,9]" and "4-121 [2,5,6,9]".

8	9	6	3
5	7	6	9

Schoenberg: Op. 19/V
(page 2)

Handwritten musical notation for Schoenberg's Op. 19/V, page 2. The notation is organized into two columns of staves. The left column contains measures 2, 4, 13, and 5. The right column contains measures 3, 8, 9, 12, 15, and 10. Measure 5 is labeled 'Op. 19/III'. The notation includes various notes, rests, and accidentals, with some measures enclosed in boxes. A double bar line is present between measure 5 and measure 10.

Handwritten musical notation and chord diagrams. On the left, two boxed diagrams are labeled '4-10: 58,10,11,15'. On the right, three boxed diagrams are labeled '4-7: 52,3,6,75', '4-7: 59,10,1,25', and '4-7: 56,7,10,115'. The diagrams show musical notation with notes and accidentals, and some include arrows indicating fingerings or movements.

Alan Chapman
May 1980

Handwritten musical score for Schoenberg's Op. 19/5. The score is written on two staves (treble and bass clef) and includes several annotations:

- 4-18:** {5, 6, 9, 0}
- 6-245:** {6, 8, 9, 10, 0, 3}
- 6-244:** {2, 5, 6, 9, 10, 11}
- 4-12:** {6, 9, 10, 0}
- 4-13:** {3, 6, 8, 9}
- 4-12:** {11, 1, 2, 5}
- 4-10:** {5, 7, 8, 10}
- 7-31:** {5, 7, 8, 10, 11, 1, 2} **Coll. I**
- 7-24:** {6, 8, 10, 0, 1, 2, 3}

Other markings include circled numbers 3, 6, 9, and 12, and the text "Circular permutation of the ordered intervals" written vertically on the left.

Handwritten numerical chart and diagrams for Schoenberg's Op. 19/5. The chart consists of several rows of numbers and boxes, with various annotations:

NUMERICAL CHART:

Row 1: 5, 8, 6, 3, 4, 5, 5, 3, 6, 7, 6, 9, 9, 9, 9, 10, 11, 5, 6, 0, 1, 2, 3, 2, 9, 3, 2, 2, 10, 11, 8, 8, 10, 11, 0, 1, 8, 9, 2, 3

Row 2: 0, 9, 6, 10, 9, 8, 6, 3, 4, 5, 5, 3, 6, 7, 6, 9, 9, 9, 9, 10, 11, 5, 6, 0, 1, 2, 3, 2, 9, 3, 2, 2, 10, 11, 8, 8, 10, 11, 0, 1, 8, 9, 2, 3

Row 3: 1, 11, 2, 5, 7, 8, 10, 2, 1, 0, 3, 6, 8, 10, 10, 11, 3, 2, 7, 6, 3, 2, 2, 1, 2, 7, 7, 2, 11, 0, 7, 6, 3, 2, 2, 1, 10, 9, 10, 11, 6, 7, 11, 0, 8, 9, 4, 5, 5, 9, 8, 5, 4, 1, 2, 2, 11, 11

Row 4: 1, 11, 2, 5, 7, 8, 10, 2, 1, 0, 3, 6, 8, 10, 10, 11, 3, 2, 7, 6, 3, 2, 2, 1, 2, 7, 7, 2, 11, 0, 7, 6, 3, 2, 2, 1, 10, 9, 10, 11, 6, 7, 11, 0, 8, 9, 4, 5, 5, 9, 8, 5, 4, 1, 2, 2, 11, 11

Annotations include:

- 4-7:** {5, 6, 9, 10}
- 4-18:** {5, 6, 9, 0}
- 4-12:** {8, 9, 10, 0}
- 4-13:** {3, 6, 8, 9}
- 4-13:** {0, 3, 5, 6}
- 4-12:** {3, 6, 7, 9}
- 4-12:** {9, 10, 0, 3}
- 4-229:** {2, 3, 5, 9}
- 4-10:** {8, 10, 11, 1}
- ? 4-13:** {8, 11, 1, 2}
- ? 4-12:** {9, 0, 1, 3}
- 6-5:** {8, 9, 0, 1}
- 4-10:** {9, 10, 0, 1}
- 4-27:** {11, 2, 5, 7}
- 4-13:** {2, 5, 7, 8}
- ? 6-236:** {1, 2, 3, 4, 5, 8}
- ? 4-13:** {0, 1, 3, 6}
- ! 4-27:** {5, 7, 10, 11}
- ? 6-238:** {6, 7, 11, 0, 1, 2}
- 4-7:** {2, 3, 6, 7}
- 4-7:** {9, 10, 1, 2}
- 4-7:** {6, 7, 10, 11}
- 4-10:** {8, 9, 11, 0}
- ? 6-27:** {8, 9, 11, 0, 2, 5}
- 5-218:** {5, 6, 7, 10, 11}
- 5-218 in m=9**
- 5-218:** {0, 2, 3, 6, 7}
- 5-6:** {8, 9, 10, 1, 2}
- 4-7:** {4, 5, 8, 9}
- 5-218:** {4, 5, 8, 9, 11}
- ? 6-226:** {8, 9, 11, 3, 4}
- m=9, m=5**