

Handwritten musical notation on a grand staff. The treble clef staff contains two measures of chords with fingerings: 3-5 and 3-5. The bass clef staff contains a long note with a slur and the annotation "almost 4-3".

ms Wm

Handwritten musical notation on a single staff. It includes a measure with a slur and the annotation "4-3", followed by a measure with a slur and the annotation "4-3". To the right, there is a note with the annotation "= 6-1".

Handwritten musical notation on a single staff. It features a sequence of notes with the annotation "T<sub>2</sub>I T<sub>1</sub>I T<sub>1</sub>O T<sub>1</sub>I" below them. To the right, there is a note with the annotation "7-1".

156

Handwritten musical score for the first system, measures 1-5. The score is written on three staves. The first staff (treble clef) contains a melodic line with notes and rests, including a measure with a circled '4' above it. The second staff (treble clef) contains a piano accompaniment with chords and a circled '4' above it. The third staff (bass clef) contains a bass line with notes and rests, including a circled '4' above it. The number '6-219' is written below the second staff in the first measure. The number '6-219' is also written below the third staff in the fifth measure.

Handwritten musical score for the second system, measures 6-10. The score is written on three staves. The first staff (treble clef) contains a melodic line with notes and rests, including a circled '4' above it. The second staff (treble clef) contains a piano accompaniment with chords and a circled '4' above it. The third staff (bass clef) contains a bass line with notes and rests, including a circled '4' above it. The number '6-219' is written below the second staff in the sixth measure. The number '6-219' is also written below the third staff in the tenth measure.



Schoenberg, Op. 16/2

166

Handwritten musical notation on three staves. The top staff contains a melodic line with notes and accidentals, some enclosed in boxes. The middle staff shows a bass line with notes and a flat sign. The bottom staff contains a bass line with notes and fingerings '2' and '3' indicated below. A large bracket spans across the first two staves, and a smaller bracket is under the first two notes of the bottom staff.











Ex. 4.57 Schoenberg, Op. 16/II

first 2  
systems only

129

132

4-18: 9, 3, 7

Handwritten musical score for measures 129-132. The score is written on two staves (treble and bass clef). It includes various musical notations such as notes, rests, and accidentals. Above the staves, there are several annotations including the number '129', a tempo marking '♩ = 60', and various intervallic or chordal notations like '3-5', '5-3', '2-3', '3-2', '7-16', '6-217', '4-18: 9, 3, 7', '5-10', '3-5', '5-32', '5-7', '5-29', '5-29-8-2', '5-29', '6-239/5-29', '6-249', '8-8: {10, 11, 3, 4}', '8-19', '4-19', '5-21 ~ Th. I I', '6-16', '4-24', '4-8: 5, 4, 6, 7', '4-24', '5-30', '5-26/5-30/5-13', and '↑ ↑ ↑'. There are also some circled numbers and other markings.

Handwritten musical score for measures 133-142. The score is written on two staves. It includes various musical notations and annotations. Above the staves, there are annotations including the number '133', '4-11', '3-2', '5-25', '6-5', '7-20', '4-215', '3-3', '4-23', '7-238', '4-11', '3-2', '5-25', '6-5', '7-20', '4-215', '3-3', '4-23', '4-19', '4-5', '(f=2)', '3-1', '3-2', '3-12', '4-2', '3-7', '4-11', '4-12', '3-3', '3-10', '4-12', '3-16', '4-229 3-1', '4-2', '3-6', '5-9', '3-6', '3-4', '4-11', '4-1', '4-12 4-7 4-4 4-7', and '4-23'. There are also some circled numbers and other markings.

143

151

Handwritten musical score for measures 143-151. The score is written on two staves. It includes various musical notations and annotations. Above the staves, there are annotations including the number '143', '6-2', '[3-3]', '[4-2]', '5-218', '3-8', '3-6', '3-3', '3-6', '(3-6)', '4-229', '4-229', '5-17', '6-210', '6-32', '5-25', '6-33', and '4-229'. There are also some circled numbers and other markings.

Schoenberg, p. 16/2 - cf. "analysis" in Atonality in Group 6

ITs intersect in part

not recognized by Perle & Laufer

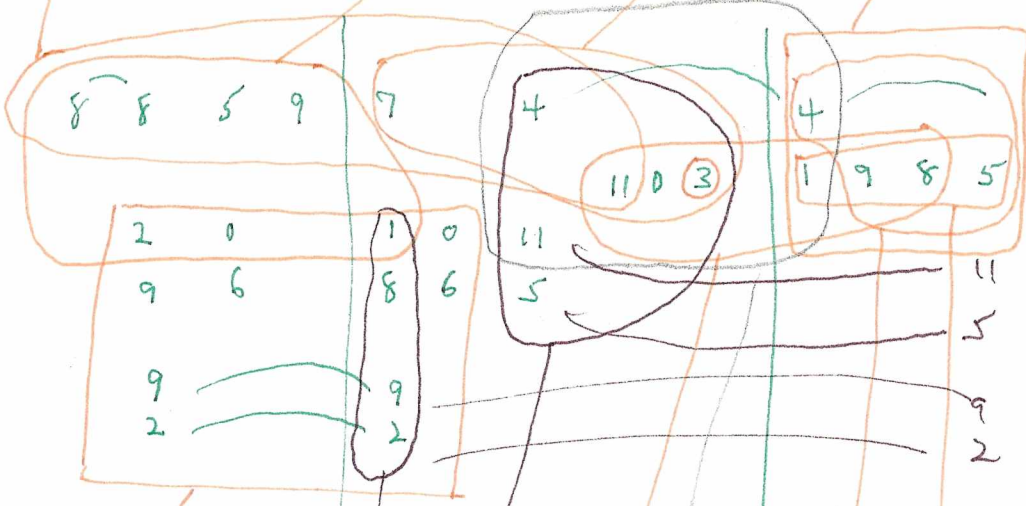
Same as Th. 1 of first movement!

6-210 at. basis 2-2  
6-239: {6, 8, 9, 10, 11, 2}

subject in  
5-3:  
{4, 5, 7, 8, 9}

6-210:  
{4, 5, 7, 8, 9, 10}  
SEE SEgmentation at m. 18ff.

6-244: {5, 8, 9, 0, 1, 2}  
5-21: {11, 0, 3, 4, 7}



16-243:  
{6, 8, 9, 0, 1, 2}

? 5-6:  
{1, 0, 3, 4, 5}

6-210:  
{9, 11, 0, 1, 3, 4}

[6-219: {5, 5, 6, 8, 9, 0, 13}]  
[6-18: {6, 8, 9, 0, 1, 2}]

4-7: {4, 5, 8, 9}  
4-19: {1, 5, 8, 9}

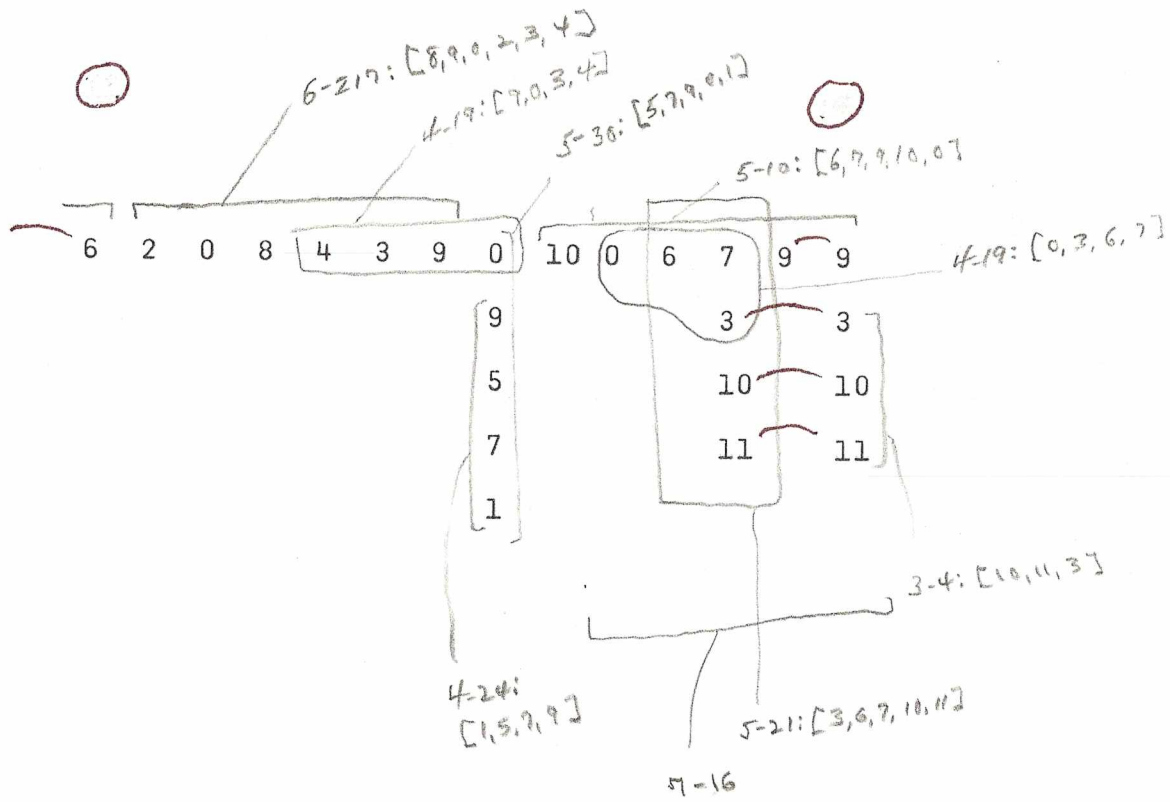
6-16:  
{9, 11, 0, 1, 4, 5}

5-21:  
{9, 0, 1, 4, 5}

T4 f  
m. 2  
4-19 interval  
{9, 1, 4, 5}

? 6-16: {11, 0, 3, 4, 5, 7}

8-19: {6, 7, 10, 2}





NEW SECTION (10-17) - no post

(10)

OSTIMATE THROUGHOUT

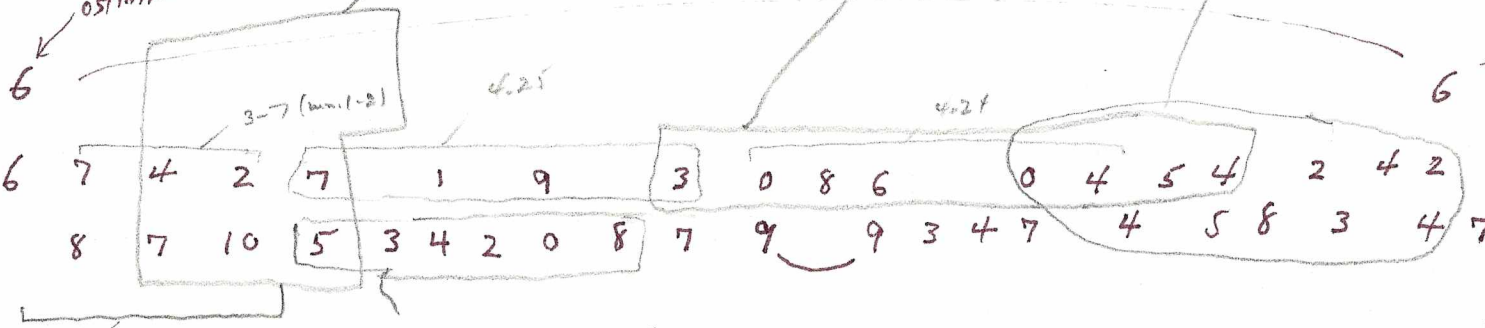
6-Z39: [2, 4, 5, 6, 7, 10]

6-Z39: [0, 3, 4, 5, 6, 8]

6-Z39: [0, 2, 3, 4, 5, 8]

(14)

Good Example  
of Kluge system  
19 slides



6-21: [2, 4, 6, 7, 8, 10]

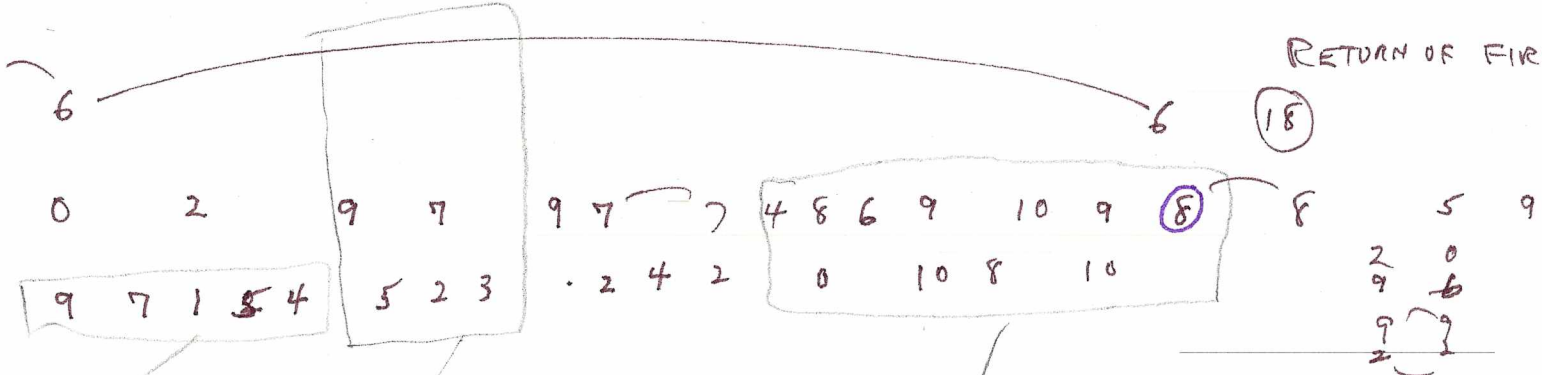
6-Z39: [0, 2, 3, 4, 5, 8]

6-Z43: [6, 8, 9, 0, 1, 2]

5-3: [2, 3, 4, 6, 7]

(15)

(14)



RETURN OF FIRST SUBJECT

(18)

6-Z39: [1, 4, 5, 6, 7, 9]

6-Z10: [2, 3, 5, 6, 7, 9]

6-21: [4, 6, 8, 9, 10, 0]

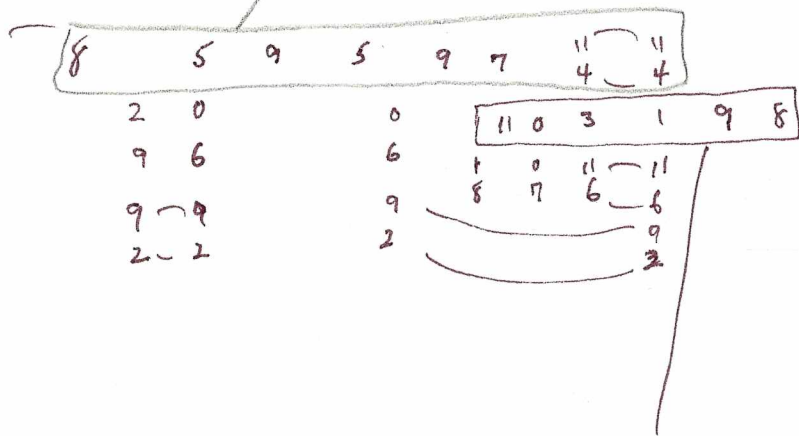


RETURN OF FIRST SUBJECT

18

no pcd

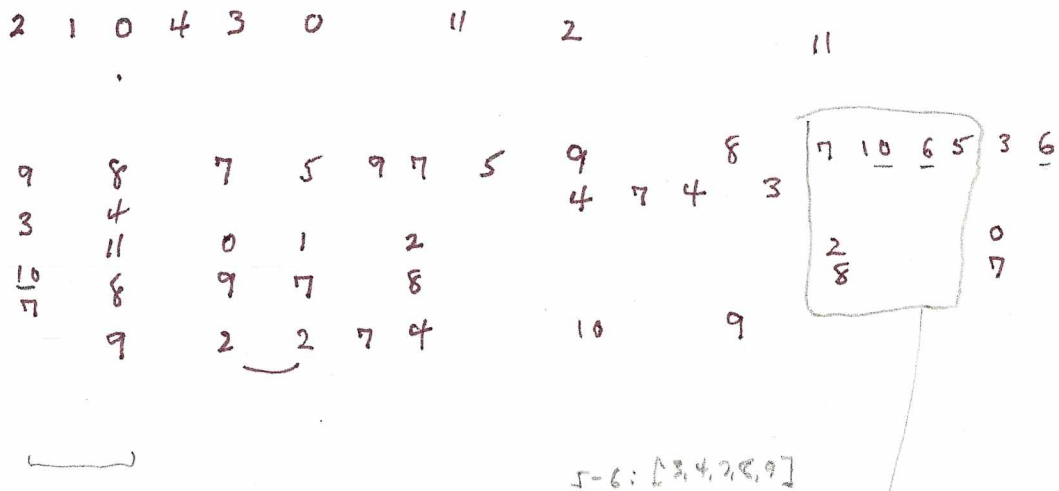
6-210: [4,5,7,8,9,11]



6-210:  
[8,9,11,0,1,3]

23

6-16: [8,9,0,1,2,4]



6-7-6

5-6: [2,4,7,8,9]

6-239:  
[2,5,6,7,8,10]



"Derivation" of 6-239 from 7-26, and subsets

a) 7-26

b) Complement

6-210:  $\{A, B, C, D, E, F\}$

6-239:  $\{B, C, D, E, F, G\}$

d) Reordered

(E) 3-3! 2x

3-7: 3x

5-26!

3-8: 2x

f) occurrences of 3-8 in 7-26

$\{5, 9, 11\}$   $\{11, 3, 5\}$   $\{11, 1, 5\}$   $\{11, 3, 9\}$   $\{3, 1, 9\}$   $\{2, 9, 5\}$



Schubert, Op. 16/2

(129)

5-3: {4, 5, 8, 9}

4-4: {4, 7, 8, 9}

(214)

5-4: {2, 3, 4, 5, 8}

5-4: {7, 8, 9, 10, 13}

5-4: {9, 10, 11, 0, 3}

• (R2(5-3, 5-4), RP(5-3, 5-4)) common subset in 4-4

5-19

no similarity relations to 5-3 or 5-4

5-4	4-4
2, 3, 4, 5, 8	3, 4, 5, 8
7, 8, 9, 10, 1	8, 9, 10, 1
9, 10, 11, 0, 3	10, 11, 0, 3

Schoenberg, Op. 16/2

151

H<sub>2</sub> 11

5-20    5-219    5-29    5-14    4-16    4-18

Change to 3 staves

156

See other sheet

3 staves - see other sheet

161

6-219