

Schoenberg, Op. 11/3

m. 4

op. 11/3

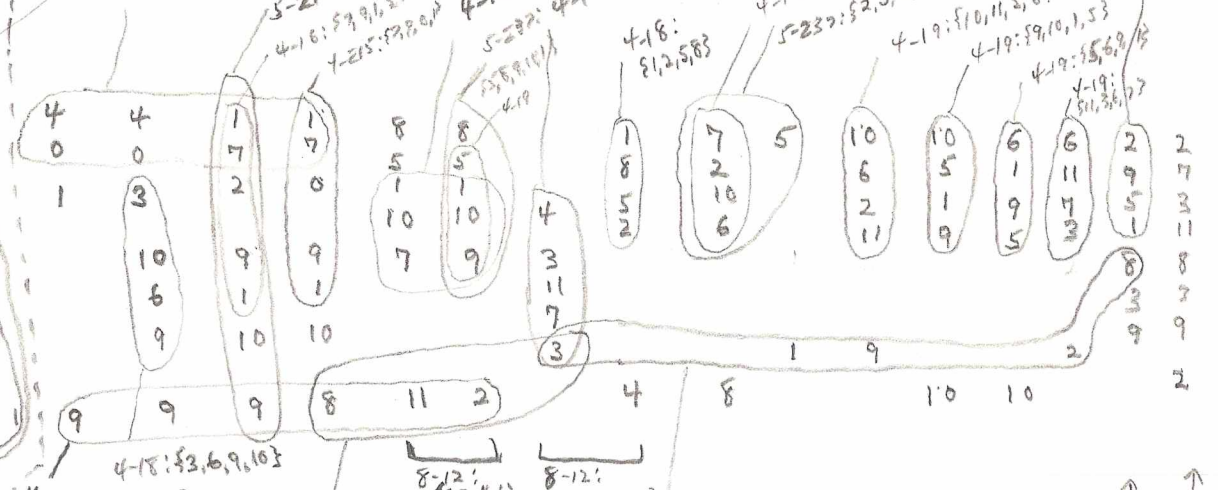
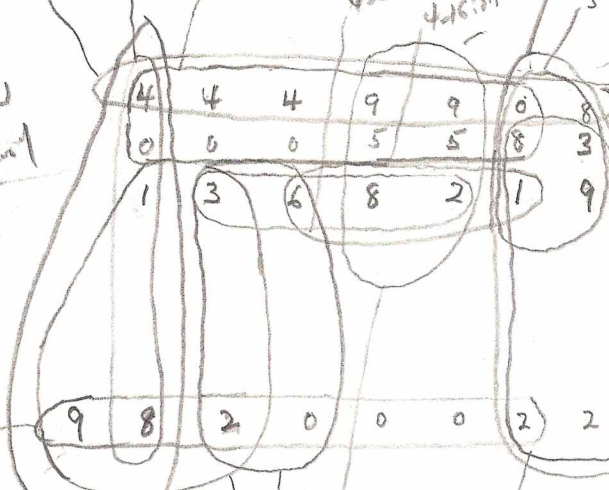
second as in first piece

m. 2

SEE PPM
example for
buffer reading
young

4-19: {8, 9, 0, 4?}
4-19: {8, 9, 0, 4?}
5-21: {4, 5, 8, 9, 0?}

top line
4-19: {8, 9, 0, 4, 8?}



4-21: {8, 9, 0, 2?}

5-21: {8, 9, 0, 1, 4?}

5-7: {8, 9, 1, 2, 3?}

5-7: {8, 9, 1, 2, 3?}

4-9: {8, 9, 2, 3, 3?}

4-13: {8, 9, 11, 2?}

4-18: {3, 6, 9, 10?}

4-18: {8, 11, 2, 3?}

? 6-21: {3, 4, 7, 9, 10, 11?}

{9, 10, 1, 3, 4, 5}

5-7: {8, 9, 1, 2, 3?}

7-21: {5, 6, 7, 8, 10, 11, 2?}

5-23: {6, 9, 10, 11, 2?}

5-21: {8, 9, 10, 1, 1?}

5-21: {11, 2, 3, 6, 7?}

6-21: {1, 2, 3, 5, 8, 9?}

6-21: {5, 7, 8, 9, 11?}

8-15: {5, 9, 10, 11}

7-21: {0, 1, 2, 3, 5, 8, 9?}

5-7: {8, 9, 1, 2, 3?}

? 5-21: {0, 1, 3, 4, 8?}

? 4-8: {8, 9, 1, 2?}

? 4-9: {2, 3, 8, 9?}

? 4-18: {1, 2, 5, 8?}

4-12: {0, 2, 3, 6, 1}

{2, 5, 6, 8?}

4-13: {0, 3, 4, 6?}

{0, 1, 3, 6?}

4-21: {2, 3, 6, 8?}

2
17
3
11
8
7
9
9

2

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m. 19 - 4th 8th notes

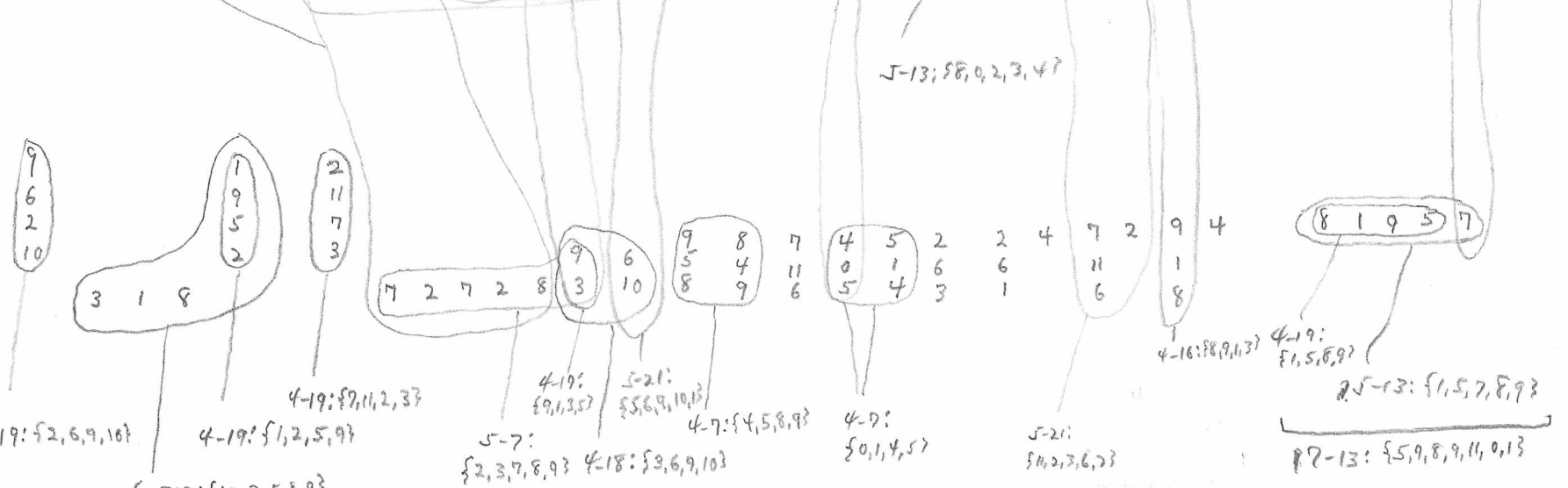
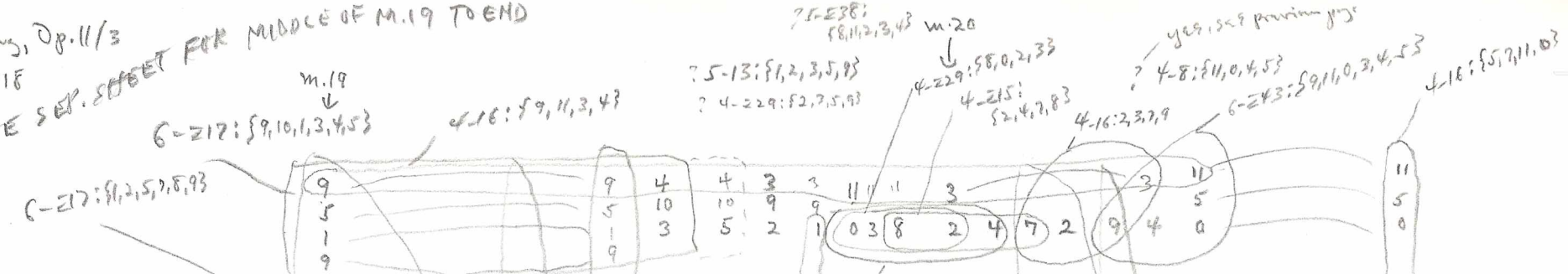
The diagram consists of a grid of numbers with various annotations and groupings:

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

Annotations and groupings:

- 5-7: {3, 4, 9, 10, 11}
- 5-21: {5, 9, 2, 3, 4, 3}
- 5-21: {3, 4, 6, 7, 11}
- 4-15: {2, 3, 7, 9}
- 6-24: {9, 11, 0, 3, 4, 5}
- 4-8: {11, 0, 4, 5}
- 5-23: {5, 5, 8, 11, 0, 1}
- 4-18: {5, 5, 8, 11, 0}
- 5-13: {5, 9, 11, 0, 1}
- 4-22: {5, 5, 7, 11, 0}
- 4-16: {5, 7, 11, 0}
- 4-8: {6, 7, 11, 2}
- 4-7: {4, 5, 8, 9}
- 4-16: {2, 3, 6, 8}
- 4-16: {8, 9, 1, 3}
- 4-7: {0, 1, 4, 5}
- 5-21: {11, 2, 3, 6, 7}
- 7-13: {5, 7, 8, 9, 11, 0, 1}
- 8-19: {6, 7, 10, 2}
- 4-19: {1, 5, 8, 9}
- 5-13: {1, 5, 7, 8, 9}
- ? 4-16: {1, 2, 6, 8}

Schenberg, Dp. 11/3
 End of m. 18
 SEE SEP. SHEET FOR MIDDLE OF M. 19 TO END



NOT 7-33: {4, 6, 8, 10, 01}

NOT 4-23: ("Larkin 5th")
 {2, 4, 7, 9}

4-19: {1, 2, 5, 9?}
 4-19: {1, 5, 8, 9?}

4-19: {9, 11, 2, 3?}

4-19: {9, 11, 3, 5?}

5-21: {5, 6, 9, 10, 11?}

4-7: {4, 5, 8, 9?}

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

5-21: {11, 2, 3, 6, 7?}

4-16: {8, 9, 11, 3?}

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

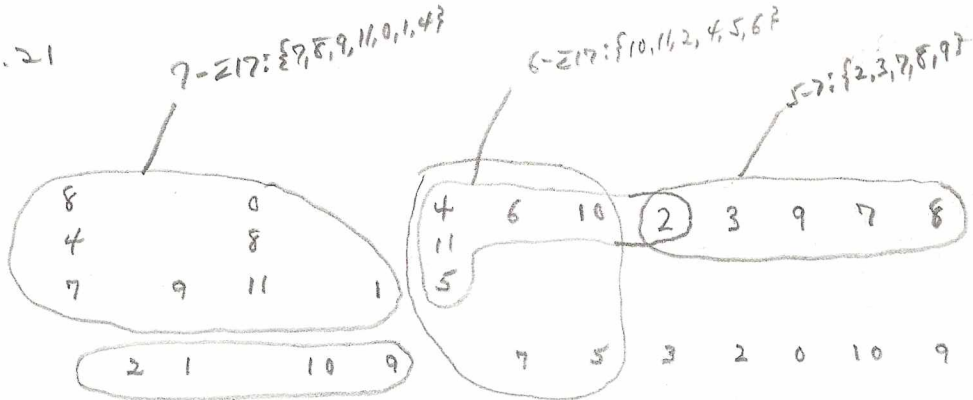
5-13: {1, 5, 7, 8, 9?}

8, 13: {5, 9, 8, 9, 11, 0, 1?}

4-18: {5, 8, 11, 0?}

5-23: {5, 8, 11, 0, 1?}

m. 21



4-7: {9, 10, 1, 2}

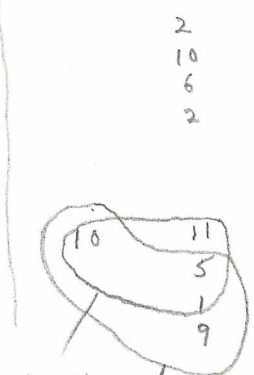
6-5: {4, 5, 6, 7, 10, 11}

4-13: {9, 10, 2, 3}

? 7-4: {2, 8, 9, 10, 1, 2, 3}

NOT 7-35: {9, 10, 0, 2, 3, 5, 7}

m. 22
↓



4-229: {10, 11, 1, 5}

7-21:

{9, 10, 11, 1, 2, 5, 6}

4-19: {9, 10, 1, 5}

↑
not whole tones



4-8: {8, 9, 1, 2}

7-217:

{8, 9, 10, 0, 1, 2, 5}

4-13: {6, 7, 9, 0}



4-12: {4, 6, 7, 10}

5-217: {3, 4, 6, 7, 1}

↑
NOT
4-24: {3, 5, 7, 11}

NOT 4-21: {9, 9, 11, 1}

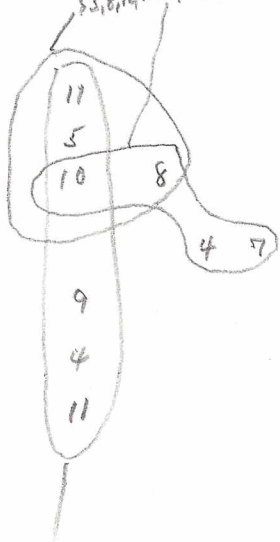
subset of 7-217

NOT 6-1: {8, 9, 10, 11, 0, 1}

SCHOENBERG, OP, 11/3

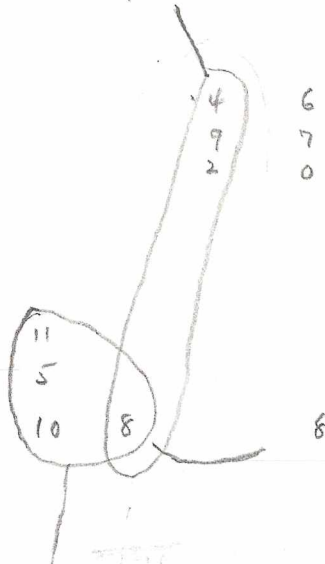
m. 23

$\psi-13: \{5, 8, 10, 11\}$
 $\psi-12: \{4, 2, 8, 10\}$



$\psi-7: \{4, 5, 9, 10, 11\}$

$\psi-16: \{2, 4, 8, 9\}$ m. 24



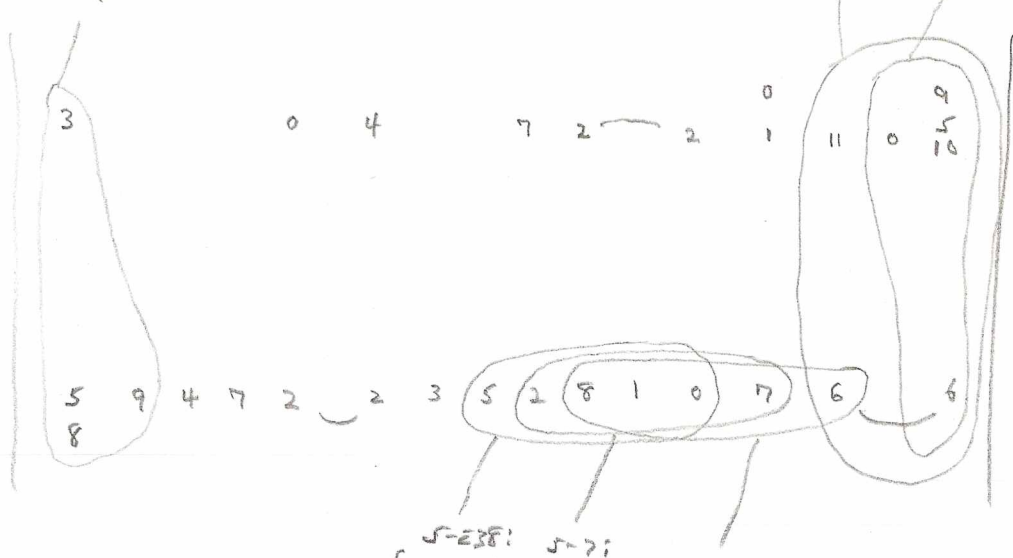
$\psi-13: \{5, 8, 10, 11\}$

$\psi-13: \{6, 2, 9, 10\}$
 $\{6, 7, 0, 2\}$
 $\psi-229: \{4, 4, 6, 10\}$

NOT 6-33;

0, 2, 4, 6, 7, 9

~~$\psi-215: \{3, 5, 8, 9\}$~~ m. 25



$\psi-238: \psi-7: \{0, 1, 4, 5, 8\}$
 $\{2, 8, 0, 1, 2\}$
 $\psi-7: \{6, 7, 8, 0, 1\}$

$\psi-5: \{5, 6, 9, 10, 11, 0\}$
 $\psi-218: \{5, 6, 9, 10, 0\}$

Op. 1/3

COMPLETE SET 10

~~SET COMPLETE TABLE~~

Check back for
articulated non-connec.

groups!

also for sets across
universal set

HEAD TABLES:
5-23/7-23F
4-229

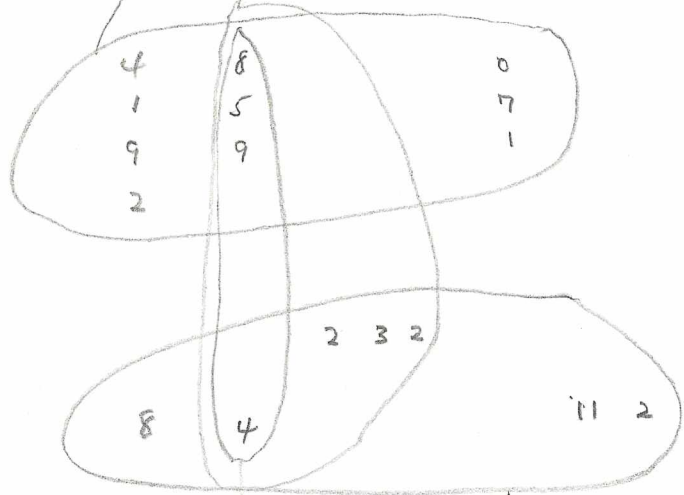
Schoups, 08.11/3

m. 26

7-21: {4, 5, 7, 8, 9, 0, 1}

6-5: {2, 3, 4, 5, 8, 9}

m. 27 missing



? 8-18: (11, 0, 3, 7)

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

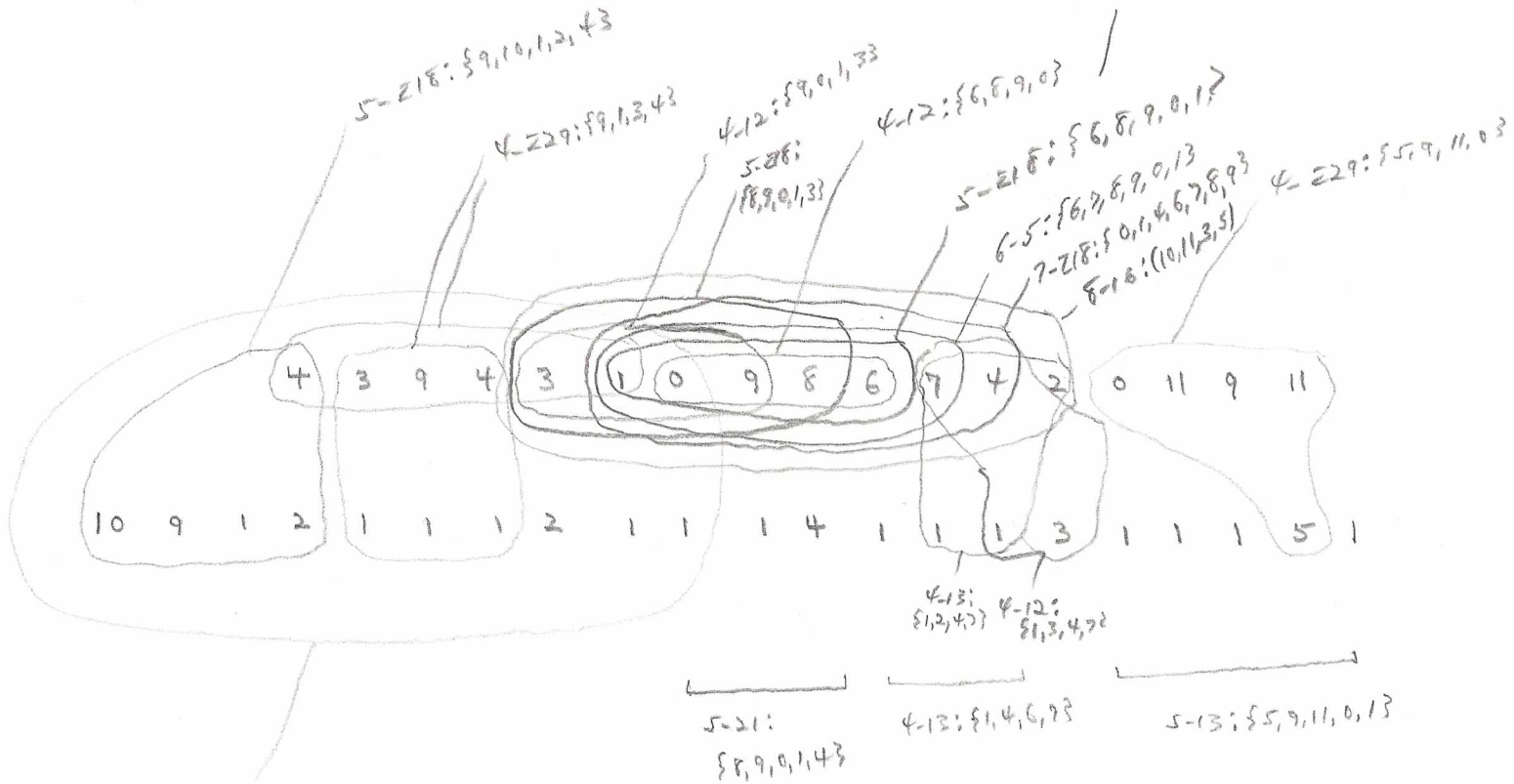
5-238:

{8, 11, 2, 3, 4}

with 4-5,
open top
bottom set

m.29-2f

GOOD EXAMPLE OF COMPLEX NESTING



NOT 7-6: {9, 10, 1, 2, 3, 4, 5}

Schoenberg, Op. 11/3

m. 22 SEE OTHER SHEET

4-16: {9, 10, 1, 4}

9
4
1
10

5 3 11
0 11 5
6 4 0

6-5: {11, 0, 3, 4, 5, 6}

5-7:
{11, 0, 4, 5, 6}

4-215: {11, 0, 3, 5}

m. 28

?

6-5: {2, 3, 6, 7, 8, 9}

4-229: {6, 7, 9, 12}

2 1 9 6 7
9 8 3 2 4
1 2 8 7 11
6

4 7 0 11 3 2
11 0 5 4 10 9
5 6 11 0 4 3

? 4-8:
{11, 0, 4, 5}

8-8: {8, 9, 1, 2}

5-212: {3, 4, 6, 7, 11}

4-229: {9, 1, 2, 4}

5-216: {9, 10, 1, 2, 4}

4-229: {9, 1, 3, 4}

4-12: {9, 0, 6, 3}

4-7:
{8, 9, 12}

NOTE ARTICULATED NON-CONSEC.
SETS HERE

4 3 9 4 3 1 0 9 8 6 7 4 2 0 11 9 11

4 3 9 8 4 2
6 7 0 11

10 9 12 1 2 1

6-5: {9, 10, 1, 2, 3, 4}

4-7: {9, 10, 1, 2, 3}

5-13: {5, 9, 11, 0, 1}

4-8: {6, 7, 11, 0}

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

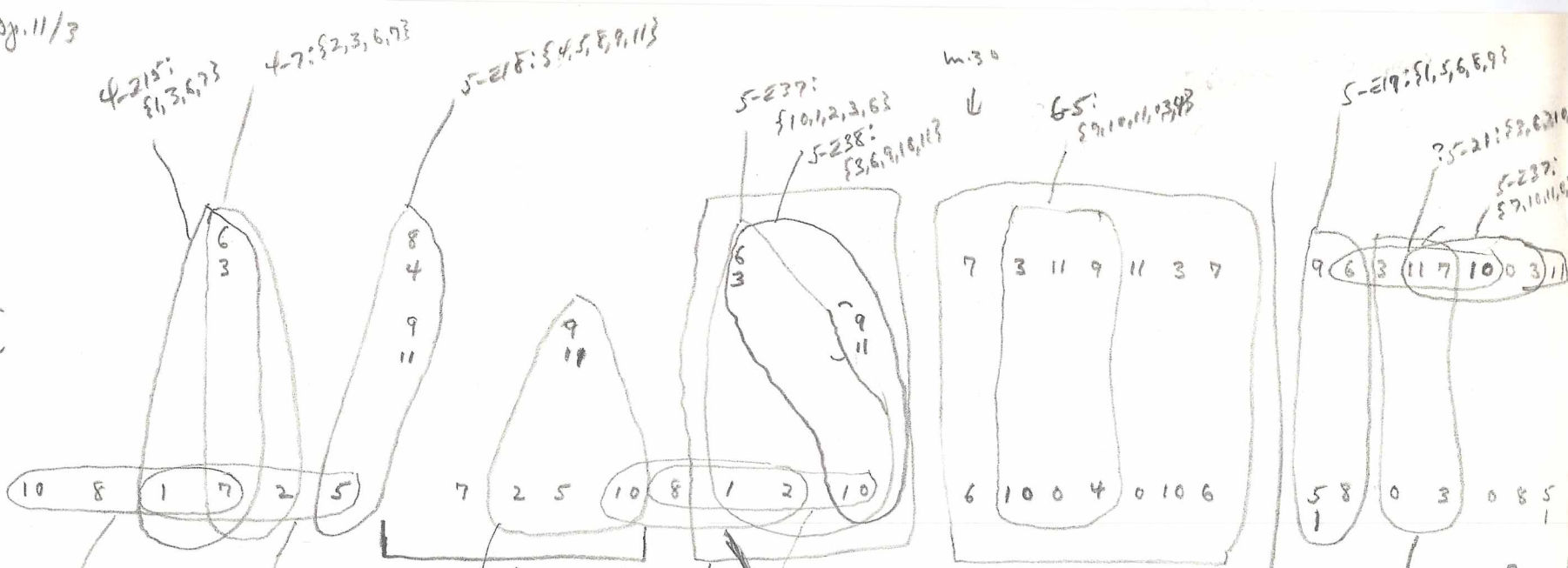
5-2: {2, 3, 4, 8, 9}



Schoenberg, 08.11/3

m. 29

9-
11-



4-12:
{7,8,10,1}

4-215: {1,2,5,7}

8-13:
(0,1,3,6)

4-215: {8,10,1,2}

?-217: {9,10,11,1,2,3,6}

8-18: (1,2,5,8)

4-19:
{7,11,0,3}

? 4-215: {7,8,11,13} ? 4-215: {9,11,2,3}

5-238: {9,10,11,2,5}

? 4-10: {9,11,3,4} ? 4-16: {4,5,9,11}

? 4-13: {5,8,10,11} ? 4-13: {8,11,1,2}

NOT 4-24: {7,9,11,3}

or 4-25: {4,6,10,0}

NOT 5-22:
{0,1,3,5,8}

or 7-16 (upper)

NO pc 0

? 4-19: {11,3,6,7}

? 6-27: {5,8,10,11,6,2}

? 4-229: {9,11,1,2}

{2,3,4}

Schoenbars, Op. 11/3

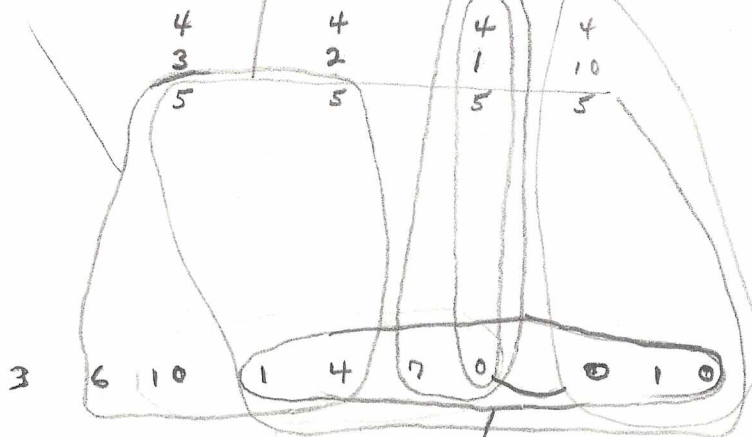
m. 31

5-258: {10, 1, 4, 5, 6}

5-218: {0, 1, 4, 5, 7}

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

5-218: {10, 0, 1, 4, 5}



4-18: {0, 1, 4, 7}

? 4-229: {3, 4, 6, 10} 4-18: {10, 1, 4, 5}

NO PC 8, 9, 11

4-12: {1, 4, 5, 7}

? 6-243: {10, 0, 1, 4, 5, 6}

? 5-217: {2, 3, 5, 6, 10}

? 6-27: {10, 1, 3, 4, 6, 7}

8-16: {8, 9, 11, 2}

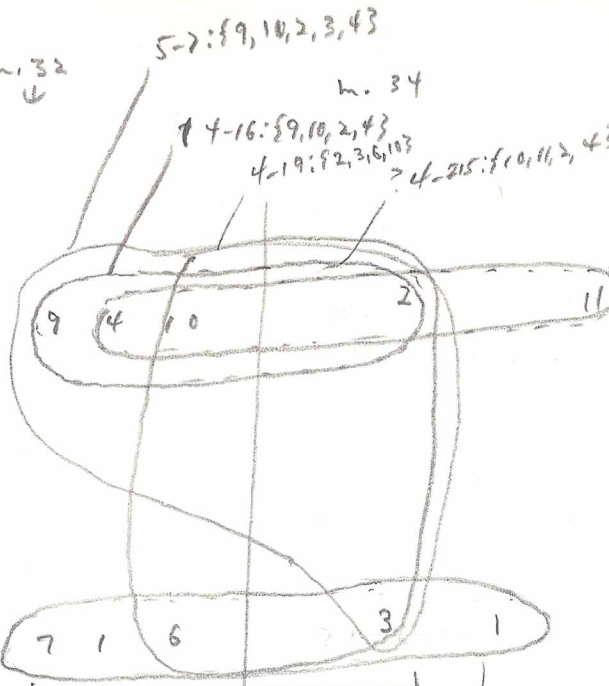
lower part with pres 4, 5 in upper

NB. all three are "contiguous" and all sets are represented except 4-9

NOT 6-27: {1, 4, 6, 7, 9, 10}

Repeated 48

4-215: {1, 3, 6, 7}



5-2: {9, 10, 2, 3, 4}

m. 34

4-16: {9, 10, 2, 4}

4-19: {2, 3, 6, 10}

? 4-215: {10, 11, 2, 4}

8-18: {5, 8, 11, 0}

NO PC 0, 5, 8

also 4-7: {10, 11, 2, 3}

4-8: {1, 2, 6, 7}

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

{1, 4, 6, 7}

4-215: {4, 6, 9, 10}

4-18: {6, 7, 10, 13}

{9, 10, 1, 4}

✓ 4-229: {3, 4, 6, 10}

{6, 7, 9, 13}

5-13: {2, 3, 4, 6, 10}

5-219: {6, 7, 9, 10, 2}

7-218: {1, 2, 3, 4, 6, 9, 10}

5-21: {10, 11, 2, 3, 6}

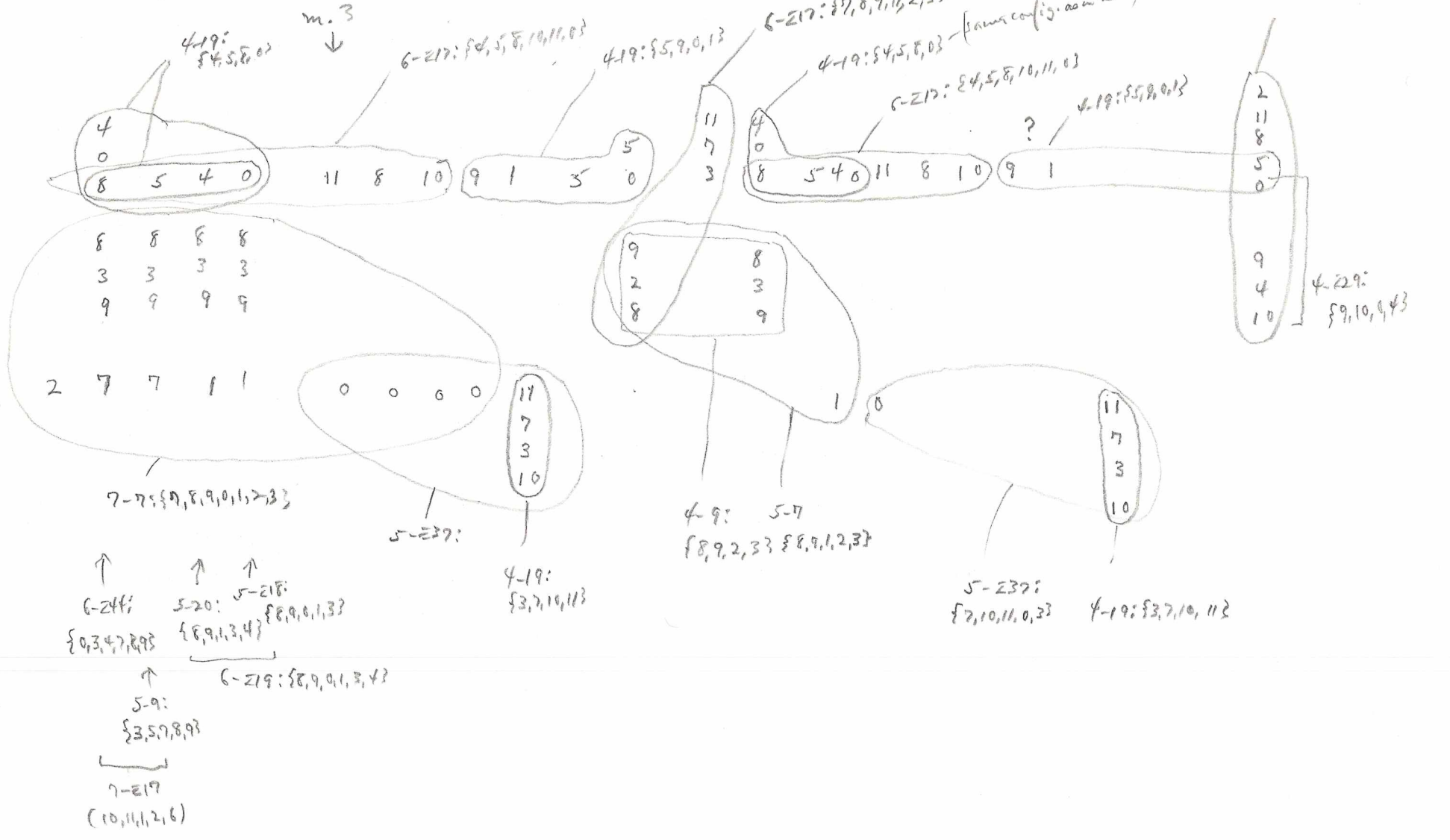
5-237: {10, 1, 2, 3, 6}

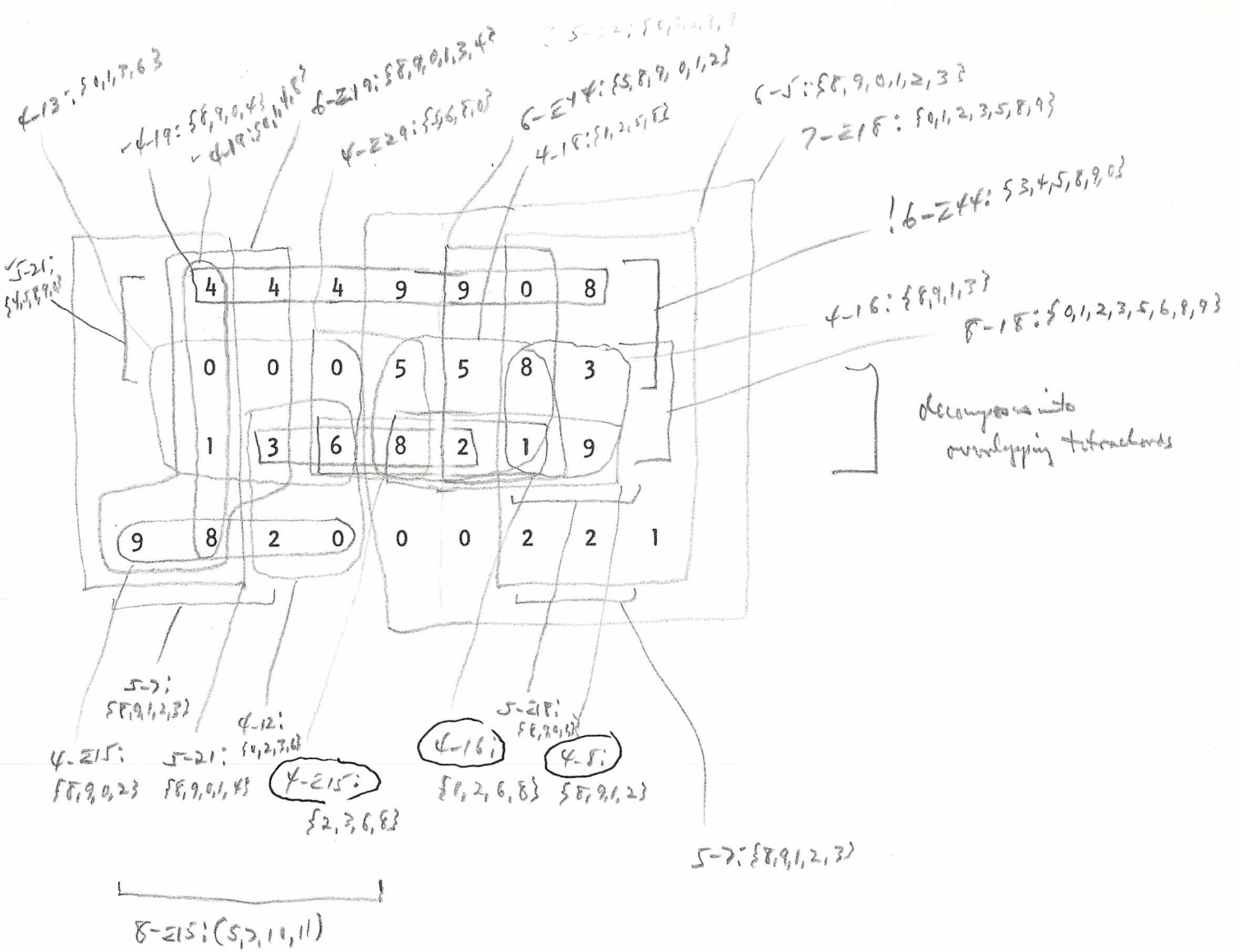
6-5: {9, 10, 1, 2, 3, 4}

6-217: {2, 3, 4, 6, 9, 10}

— only possible

Schwaberg, Op. 11/3





8-215 and 7-218
 are disjoint large
 sets (antichain &
 consequent?)

op.11/3

4-7 (no 1 forms)

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

7	8	11	0
6	7	10	11
5	6	9	10
4	5	8	9
3	4	7	8
2	3	6	7
1	2	5	6
0	1	4	5
11	0	3	4
10	11	2	3
9	10	1k	2
8	9	0	1

4-8 (no 1 forms)

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

4-9

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

4-12

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

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

op.11/3

4-13

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

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

4-Z15

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

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

4-16

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

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

op.11/3

4-18

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

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

4-19

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

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

op.11/3

4-Z29

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

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

op. 11/3

5-7

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

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

7-7

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

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

op. 11/3

5-13

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

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

7-13

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

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

op.11/3

5-Z17 (no I forms)

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

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

7-Z17 (no I forms)

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

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

op.11/3

5-Z18

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

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

7-Z18

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

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

op. 11/3

5-21

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

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

7-21

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

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

See Brankman, opposite p. 126, for
facsimile of correction following in 4
in the 3rd piece -

op.11/3

5-Z37 (no 1 forms)

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

7-Z37 (no 1 forms)

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

5-Z38

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

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

7-Z38

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

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

op.11/3

6-5

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

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

op. 11/3

6-Z17

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

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

6-Z43

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

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

op. 11/3

mit
?

6-27

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

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

07.11/3

6-20 cII

5-16 cIII

4-26 cI

4	4
0	0
① 3	6

9	0	8
5	8	3
8	2	① 9

4	1
0	7
1	3
2	0

8
5
10

10	9	7	9
6	1		
9	10		

8-28 cIII

5-10 cIII

5-16 cIII

9	8	2	0	2	2	① 9	8	11	2
---	---	---	---	---	---	-----	---	----	---

5-10 cII (excluding 4)

1
5
2
3
11
7
3

4 8

Op. 11/3

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

1
5
5
2

4

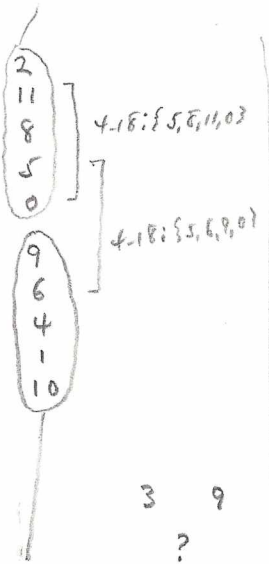
3
11
7
3

4 5

Schomberg, 08.11/3 m.5

?5-31: {11, 9, 2, 5, 8}

m.4



?5-32: {1, 4, 6, 9, 10}

↑
10-4

- 6-27: {5, 6, 8, 9, 11, 2}
- {8, 9, 11, 0, 2, 5}
- {5, 8, 10, 11, 1, 2}
- {8, 11, 1, 2, 4, 5}

m.6

5-217: {9, 10, 0, 1, 5}

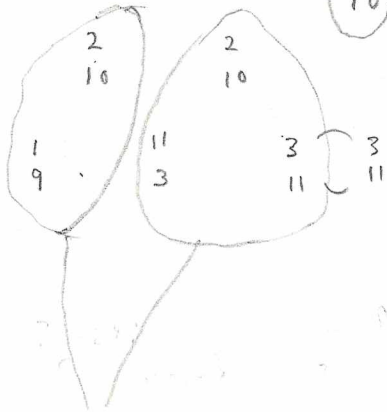
5-7: {1, 2, 6, 9, 8}

6-5: {6, 9, 10, 11, 0, 1}

5-22: {6, 7, 11, 9, 1}

4-15: {4, 7, 10, 11, 3, 9}

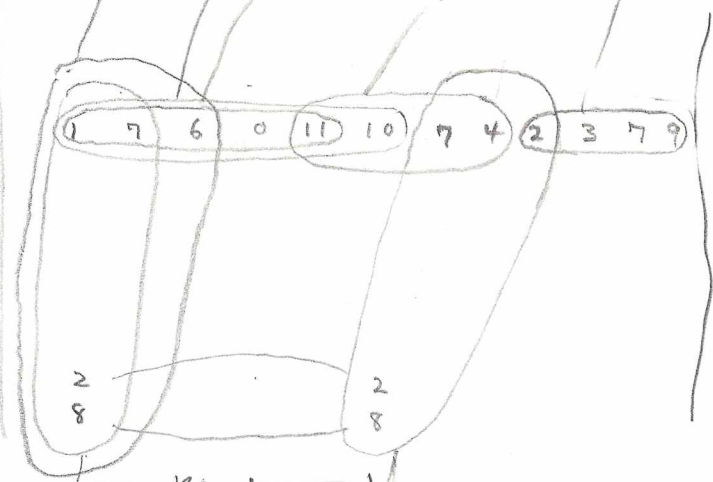
4-16: {2, 3, 7, 9}



4-7: {9, 10, 1, 2, 3}

{10, 11, 2, 3}

NOT 4-21: {9, 11, 1, 3}

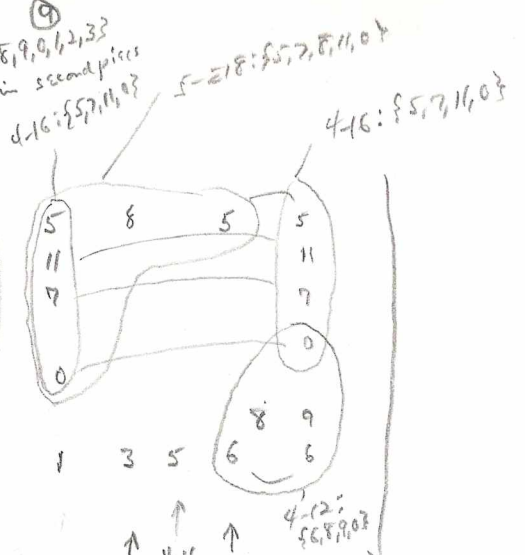
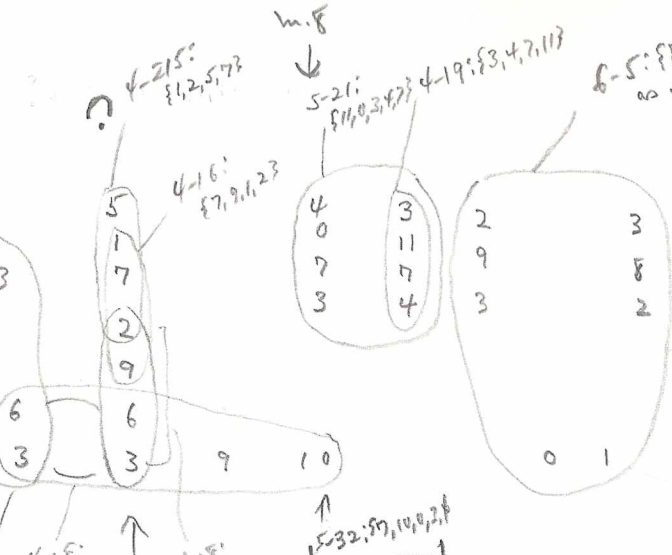
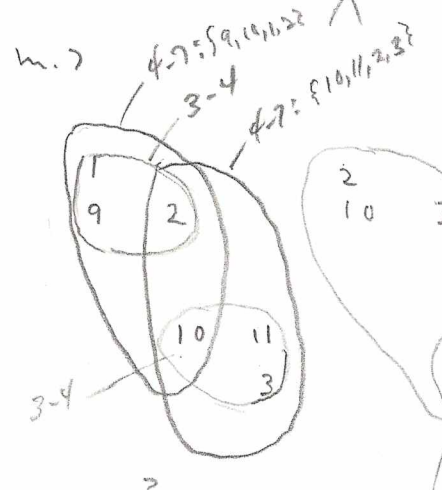


4-9: {7, 8, 1, 2}

4-215: {2, 4, 7, 8}

5-10: {8, 10, 11, 0, 2}

Schomburg, Apr 11/3



q. m. 8: {1, 2, 3, 3}

m. 7: 6-24: {9, 10, 11, 1, 2, 3}

4-18: {3, 6, 9, 10}

4-19: {2, 3, 6, 10}

? 9-13: {2, 3, 6, 9}

4-18: {2, 3, 6, 9}

5-32: {9, 10, 0, 2, 4}

6-24: {1, 0, 11, 0, 2, 4, 3}

5-21: {7, 8, 11, 0, 3, 3}

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

5-7: {5, 6, 7, 11, 0, 3}

4-12: {5, 6, 8, 9, 0, 3}

8-13: {10, 1, 2, 4}

Vertical imbrication
 17-13 in herachood

Schwartz, Op. 11/3

m. 11

m. 10

ψ -215: {8,9,10,2}

ψ -238: {6,7,10,11,2}

ψ -13: {8,11,1,2}

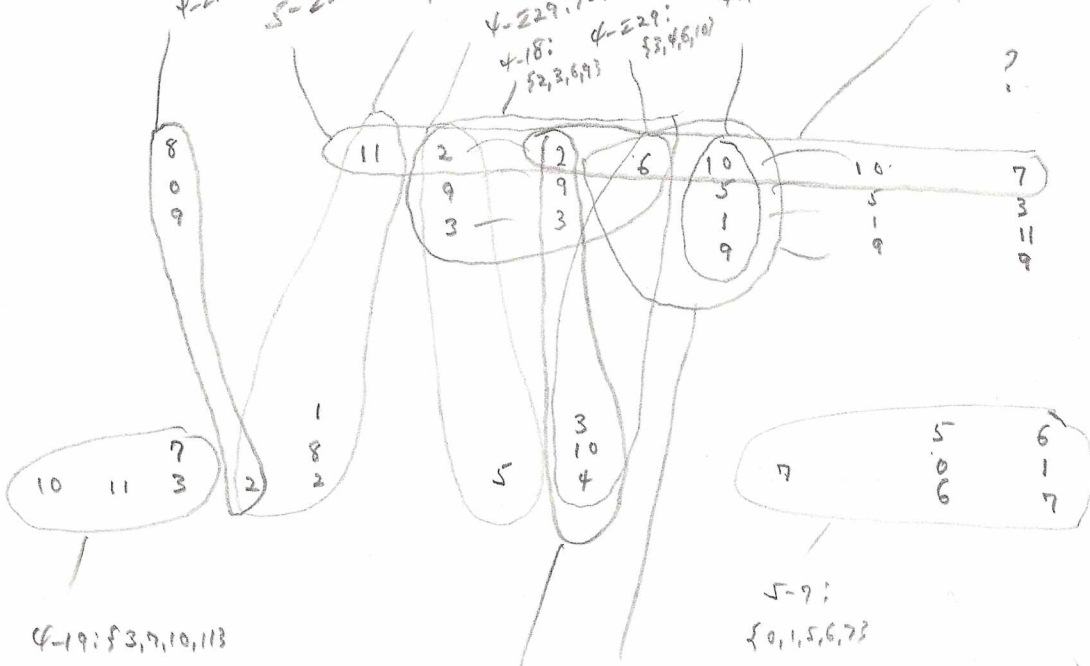
ψ -229: {2,3,5,9}

ψ -18: {2,3,6,9}

ψ -229: {3,4,6,10}

ψ -19: {9,10,1,5}

ψ -19: {6,7,10,2}



ψ -19: {3,9,10,11}

↑

ψ -238:

{7, 8, 9, 0, 3}

ψ -7: {9, 10, 2, 3, 4}

ψ -21:

{5, 6, 9, 10, 13}

ψ -7: {0, 1, 5, 6, 7}

↑

? 6-34: {6, 7, 9, 10, 11}

NOT ψ -24: {3, 7, 9, 11}

? ψ -13: {3, 7, 9, 10, 11}

Schramberg, Sp. 11/3

m. 11 contd.

ψ -229: {5, 6, 8, 0, 3}

ψ -217: {4, 5, 6, 8, 11, 0}

ψ -7: {5, 8, 9, 0, 1, 3}

ψ -217: {9, 10, 0, 1, 5}

m. 13

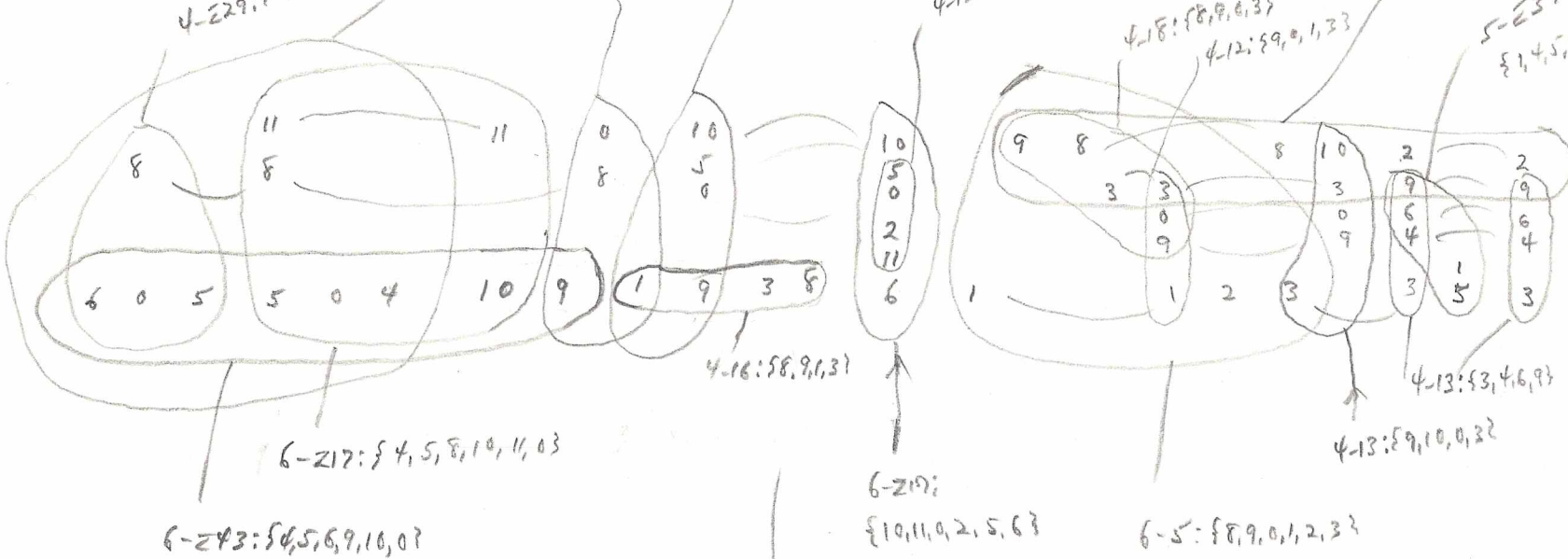
ψ -13: {11, 0, 2, 5}

ψ -18: {8, 9, 0, 3}

ψ -12: {9, 0, 1, 3}

ψ -7: {5, 8, 9, 10, 2, 3}

ψ -237: {1, 4, 5, 6, 9}



ψ -243: {5, 6, 9, 10, 0}

ψ -217: {4, 5, 8, 10, 11, 0}

ψ -219: {10, 11, 0, 2, 5, 6}

ψ -5: {8, 9, 0, 1, 2, 3} as given in second piece

? ψ -10: {9, 0, 1, 3, 4, 5, 6}

NOT 5-35: {8, 10, 0, 3, 5}

no pc 7

NOT Top "chromatic" line 11, 0, 10, 9, 8 (5-1)

NOT ψ -22: {2, 4, 6, 9}

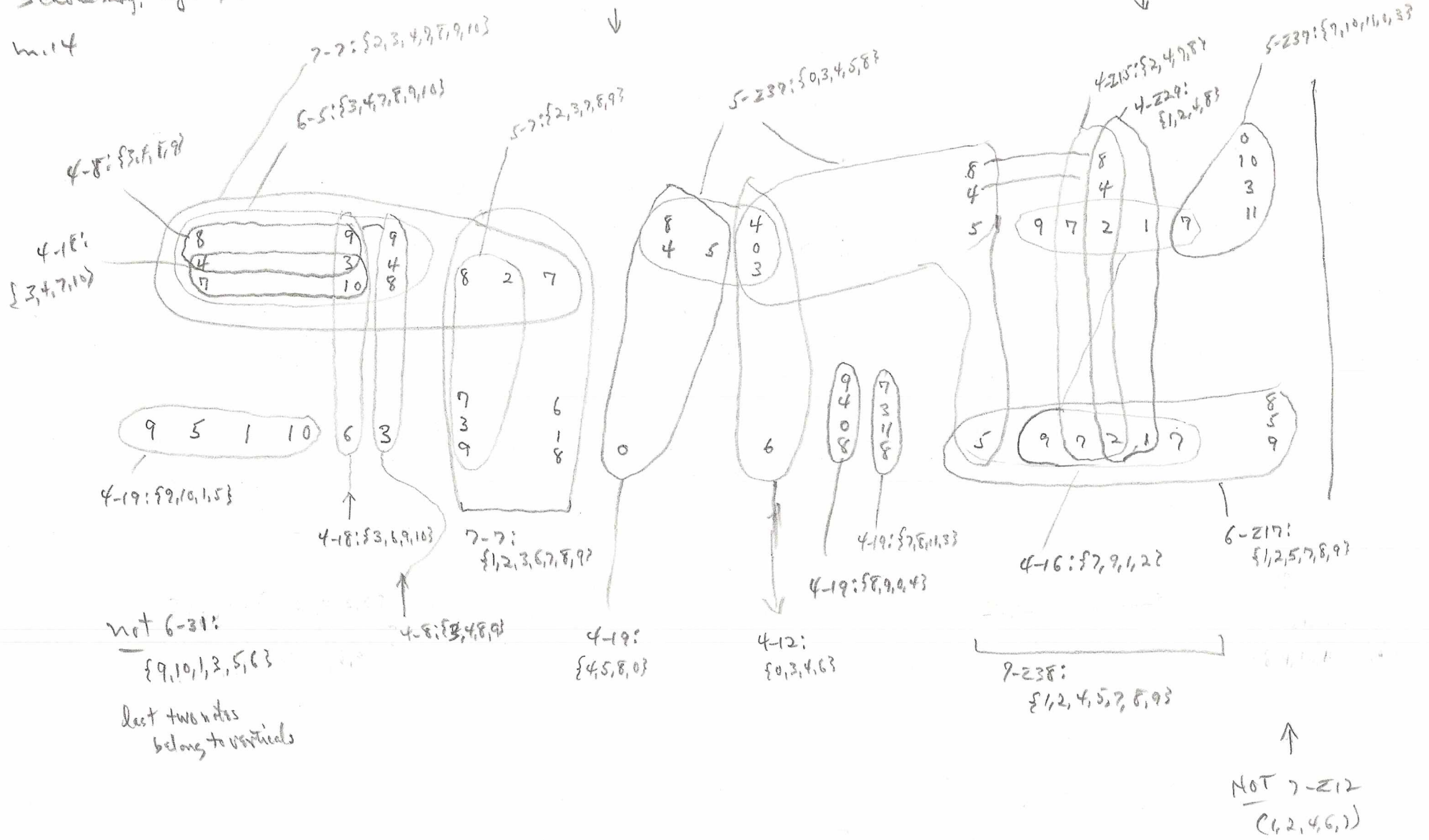
pc 2 belongs to different dimension

Schönberg, 08.11/3

mit 4

mit 15
↓

mit 6
↓



Schoenberg, Op. 11/13

End of m. 16

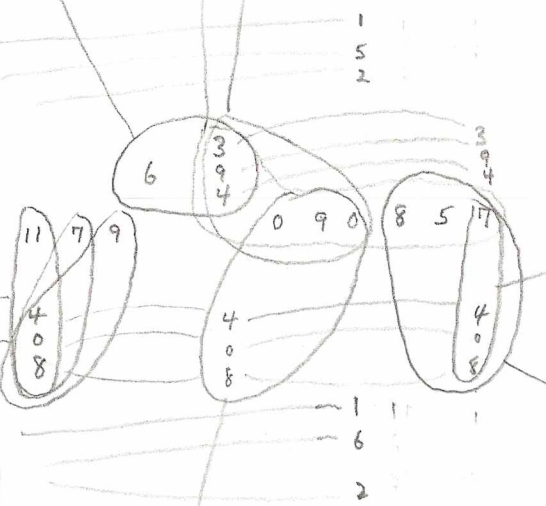
m. 18



4-13: {3, 4, 6, 9}

7-21: {3, 4, 5, 7, 8, 9, 0}

4-18: {9, 0, 3, 4}



4-19: {4, 8, 11, 0}

4-19: {0, 4, 7, 8}

4-19: {8, 9, 0, 4}

4-7: {1, 2, 5, 6}

4-19: {8, 9, 0, 4}

4-19: {0, 4, 7, 8} also {4, 5, 8, 0}

5-21: {4, 5, 7, 8, 0}

? 7-13: {0, 1, 2, 4, 5, 6, 8}

8-22: (3, 7, 9, 10)

NOT 5-22: {8, 9, 0, 3, 4}