

Op. 21/14

See States for No. 8

LAST PIECE TO BE FINISHED

1

DIE KREUZE (4. op. 11/2)

Res.

Note set class palindromes

10-1: (7,8)

6-5: [9,10,11,0,3,4]

4-17: [11,2,3,6]

4-19: [9,10,1,5]

4-19: [4,8,11,6]

4-18: [0,3,6,2]

5-19: [0,1,3,6,2]

4-229: [0,1,3,2]

7-16: [7,8,9,10,0,1,4]

5-21: [8,9,0,1,4]

Stratum 1

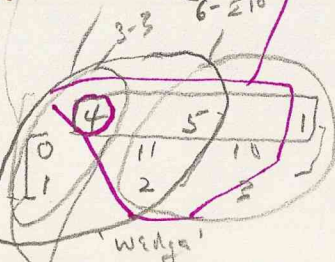
9	10
4	3
11	0
5	4
2	1
6	

Stratum 2

5	4
2	1
6	

Stratum 3

0	4	5	11
1	2	2	10



2	2
11	11
6	6
3	3

6	0	0
0	3	7
7	1	1

8	0
4	9
9	1
10	7

9
5
1
10

11
8
4
0

11	9	9
8	5	5
4	10	10
0		

5-29 [9,11,2,4,5]
 6-223: [10,0,1,3,4,6]
 octa

3-3
 'Micro'

8-1

8-17

7-26 [11,0,2,3,4,6,8]

3-12
 7-21 [4,5,8,9,10,1]

7-6: [4,5,8,9,10,11,0]

4-215
 4-12: [5,8,9,11]

4-9

9	10
4	3
11	0
5	4
2	1
6	

4-16

9	10
4	3
11	0
5	4
2	1
6	

8-19: (0,4,7,8)

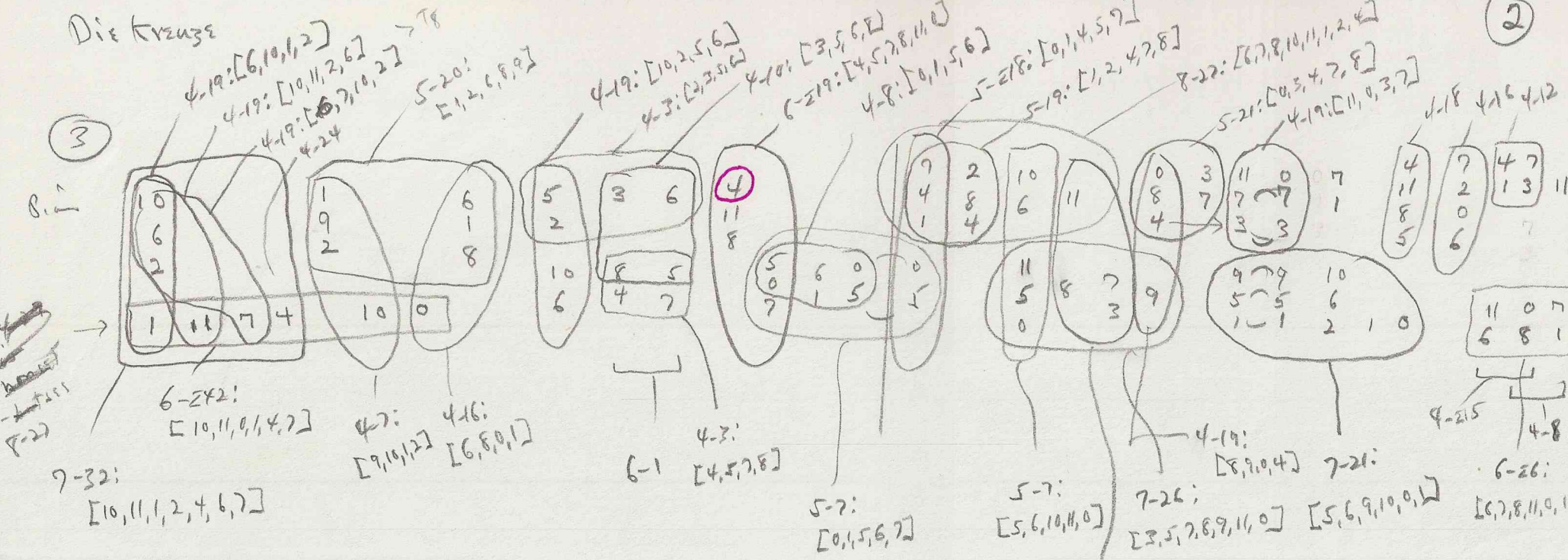
2
11
6
3
9
5
1
10

2
11
6
3
11
8
4
0

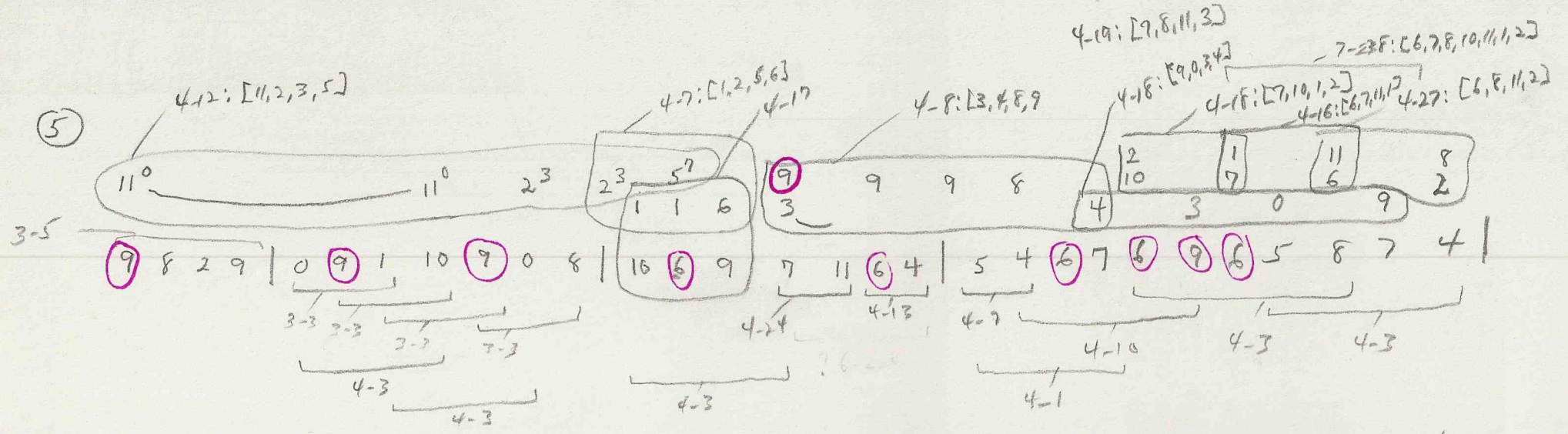
Die Kreuze

(2)

(3)

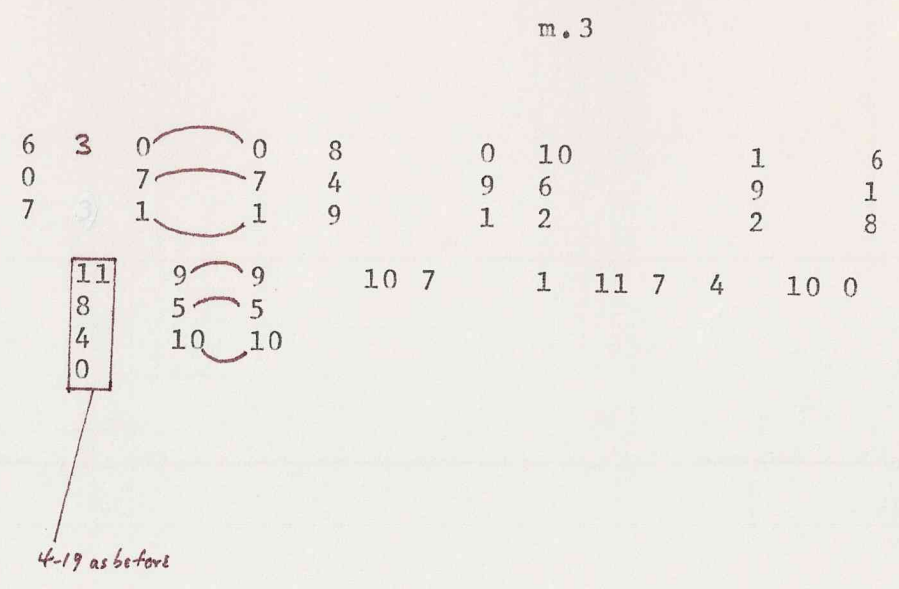
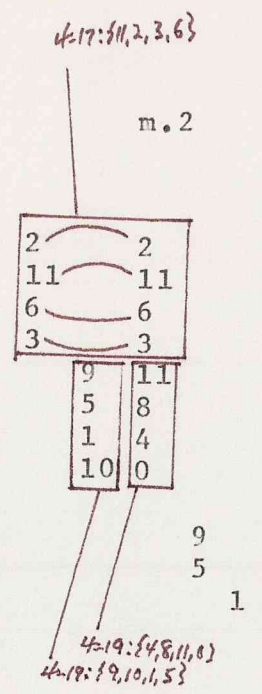
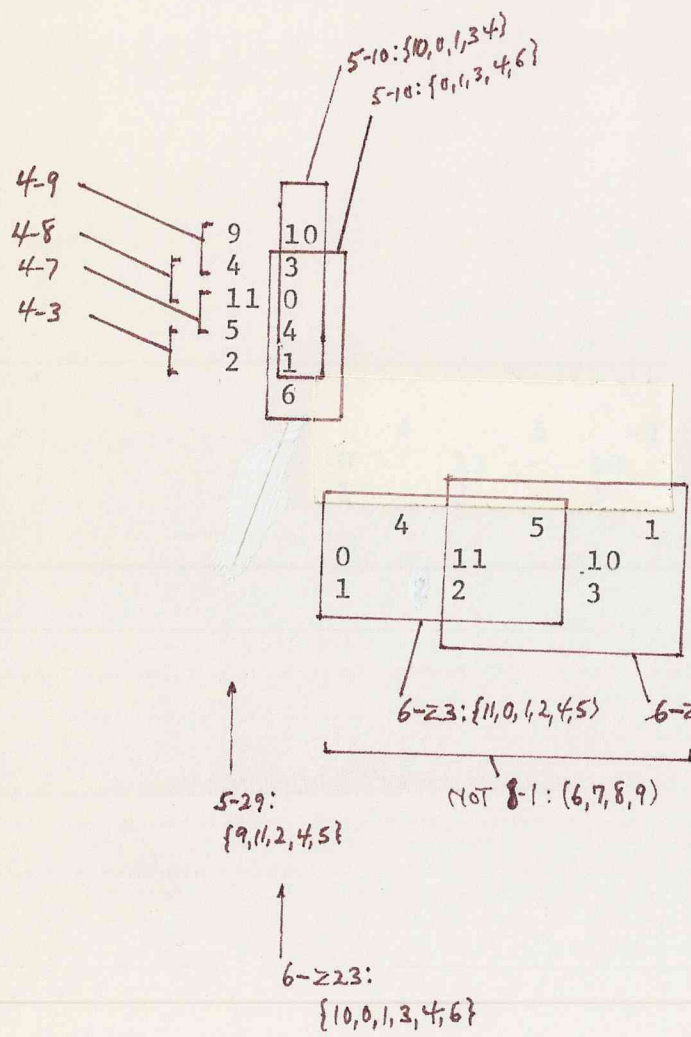


(5)



JMS

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



Not: pcs 7, 8

Genera Matrix: Die Kreuze, Bars 1-2

	[G1]	G2	G3	G4	[G5]	G6	[G7]	[G8]	G9	[G10]	[G11]	[G12]
3-12				●								
4-12		○	●			○						
4-z15	○	●										
4-17									●			
4-18	○		●						○			
4-19				●				○	○	○		
4-z29	○	●										
5-16	○	○	●			○			○			
5-19	○	○	●				○		○			
5-21				●				○	○	○		
5-26		○	○	●		○	○	○	○	○		○
5-29	○	○	●				○			○	○	○
6-1					○	●	○	○				
6-z3	○	○	○		○	○	○	○				
6-z23	○	○	●			○	○					○
Counts:	8	9	8	4	2	6	6	5	7	4	1	3
	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
	[SI]		[SII			[SIII]	[SIV]

Squo Indices in Descending Order with Genera

- .129: G4 (augmented)
- .126: G3 (diminished)
- .121: G9 (atonal-tonal)
- .098: G2 (whole-tone)
- .095: G6 (semichroma), G7 (chroma-dia)
- .090: G1 (atonal)
- .087: G8 (atonal)
- .069: G10 (atonal-tonal)
- .049: G5 (chroma)
- .047: G12 (dia-tonal)
- .024: G11 (dia)

Genera Matrix 7-1 Subsets, excluding trichords

	G1	G2	G3	G5	G6	G7	G8
4-1				●			
4-2				●	○		
4-3					●		
4-4							●
4-5	●	○					
4-7							●
4-8	○						
4-10						●	
4-11						●	
4-12		○	○		●		
4-13	○		○			●	
4-z15	●	○					
4-21		●					
5-1				●	○		
5-2				●	○	○	○
5-3				●	○	○	○
5-4	○	○	○	●	○	○	○
5-6	○	○					●
5-8		○	○	●	○		
5-9	○	○		●	○	○	
5-10	○	○	○		●	○	
5-z12	○		○			●	
6-1				●	○	○	○
6-2	○	○	○	●	○	○	○
6-z3	○	○	○	●	○	○	○
6-z4	○	○		●	○		○

Counts: 12 12 8 12 14 12 10

G1 G2 G3 G5 G6 G7 G8

Squo Indices in Descending Order with Genera

- .159: G5 (chroma)
- .119: G6 (semichroma)
- .102: G7 (chroma-dia)
- .093: G8 (atonal)
- .073: G1 (atonal)
- .071: G2 (whole-tone)
- .068: G3 (diminished)

Genera Matrix: 7-35 Subsets (excluding trichords)

	G1	G2	[G3]	G7	G10	G11	G12
4-8	●						
4-10				●			
4-11				●			
4-13	○		○	●			
4-14					●		
4-16	●	○					
4-20					●		
4-21		●					
4-22						●	○
4-23						●	
4-26							●
4-27		○	○				●
4-z29	●	○					
5-z12	○		○	●			
5-20	○	○			●		
5-23				○	○	●	○
5-24	○	○		○		●	○
5-25	○	○	○	○			●
5-27				○	○	●	○
5-29	○	○	○	○	○	●	○
5-34		○	○			●	○
5-35						●	○
6-z25	○	○	○	○	○	●	○
6-z26	○	○			○	●	○
6-32				○	○	●	○
6-33	○	○	○	○	○	●	○
Counts:	12	12	8	12	10	12	14
	G1	G2	G3	G7	G10	G11	G12

Squo Indices in Descending Order with Genera

- .159: G11 (dia)
- .119: G12 (dia-tonal)
- .102: G7 (chroma-dia)
- .093: G10 (atonal-tonal)
- .073: G1 (atonal)
- .071: G2 (whole-tone)
- .068: G3 (diminished)

Genera Matrix: 7-33 Subsets

	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
4-2					o	o						
4-5	o	o										
4-11							o					
4-12		o	o			o						
4-z15	o	o										
4-16	o	o										
4-19				o				o	o	o		
4-21		o										
4-22											o	o
4-24		o		o								
4-25		o										
4-27		o	o									o
4-z29	o	o										
5-8		o	o		o	o						
5-9	o	o			o	o	o					
5-13	o	o		o	o	o		o	o	o		
5-15	o	o										
5-24	o	o					o				o	o
5-26		o	o	o		o	o	o	o	o		o
5-28	o	o	o			o						o
5-30	o	o		o				o	o	o	o	o
5-33		o		o								o
5-34		o	o								o	o
6-21	o	o	o	o	o	o	o	o	o	o		o
6-22	o	o		o	o	o	o	o	o	o	o	o
6-34	o	o	o	o		o	o	o	o	o	o	o
6-35		o		o								
Counts:	13	23	8	10	6	10	7	7	7	7	6	10
	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
	[SI]		[SII]		[SIII]		[SIV]

Squo Indices in Descending Order with Genera

- .168: G4 (augmented)
- .131: G2 (whole-tone)
- .082: G6 (semichroma), G12 (dia-tonal)
- .076: G1 (atonal), G5 (chroma), G11 (dia)
- .065: G3 (diminished)
- .063: G8 (atonal), G9 (atonal-tonal), G10 (atonal-tonal)
- .057: G7 (chroma-dia)

Genera Matrix: Kh(5-31)

	G1	G2	G3	[G5]	G6	G7	[G8]	G9	[G10]	[G11]	G12
3-2				○	●	●					
3-3					○		○	●			
3-5	●										
3-7						●				○	○
3-8		●									
3-10			●								
3-11								●	○		○
4-12		○	●		○						
4-13	○		●			○					
4-18	○		●					○			
4-27		○	●								○
4-28			●								
5-31	○	○	●		○	○		○			○
6-27	○	○	●		○	○		○			○
6-30	○	○	●		○	○		○			○

Counts: 6 6 9 1 6 6 1 6 1 1 6

G1 G2 G3 G5 G6 G7 G8 G9 G10 G11 G12

Squo Indices in Descending Order with Genera

- .142: G3 (diminished)
- .104: G9 (atonal-tonal)
- .095: G6 (semichroma), G7 (chroma-dia), G12 (dia-tonal)
- .068: G1 (atonal)
- .065: G2 (whole-tone)
- .024: G5 (chroma), G11 (dia)
- .017: G8 (atonal), G10 (atonal-tonal)