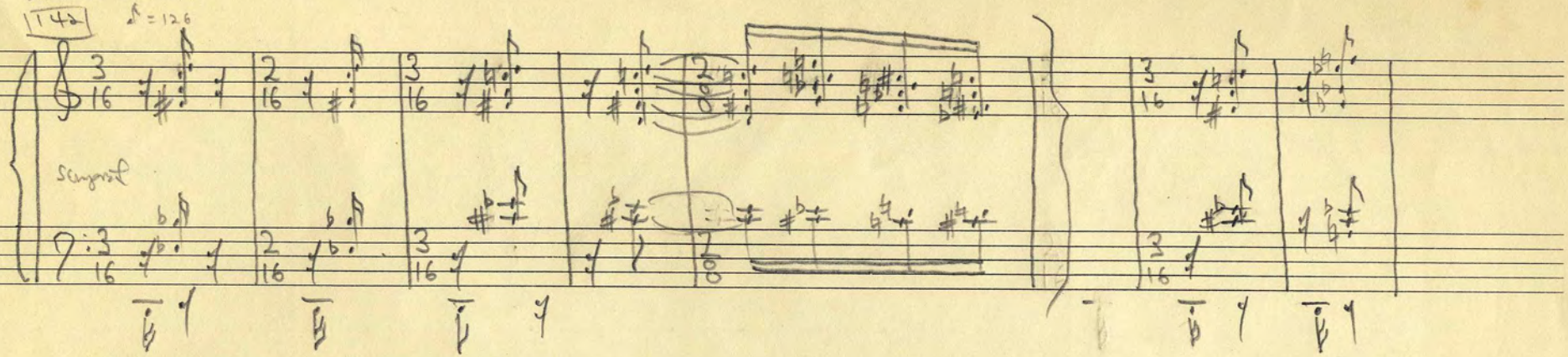
Stravinsky, Le Sacre du printemps

Danse sacrale

142 ♩ = 126

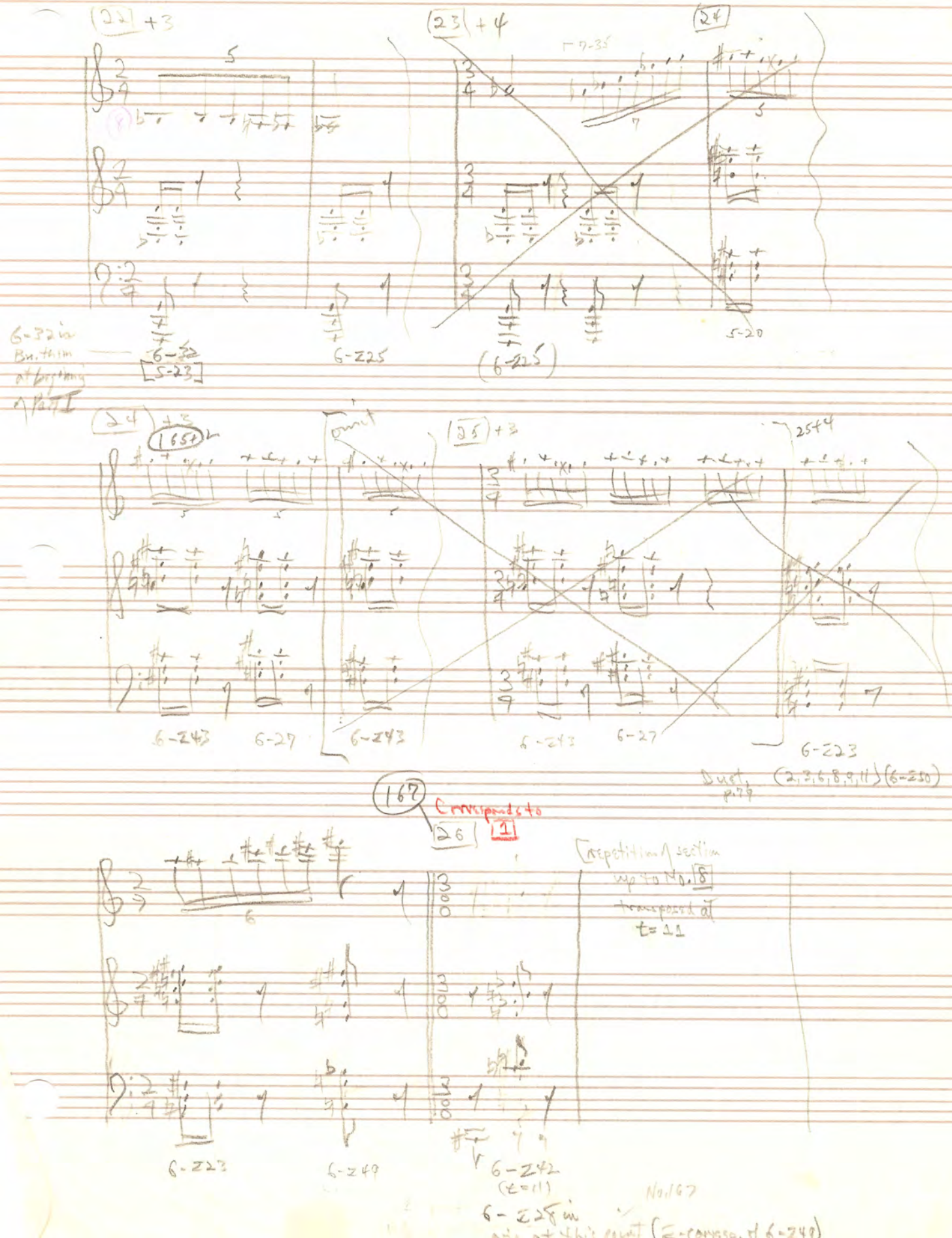


6-Z28 — 6-Z42 — 6-27/ 6-Z42 / 6-Z42 6-Z42 6-32

{9,10,0,2,3,6} {0,1,2,3,6,9} {0,3,5,6,8,9} {11,0,1,2,5,8} {0,1,2,3,6,9} {0,1,2,3,6,9} {2,1,5,6,9,10}

omitted in 1943 version for smaller orch.

Stravinsky, Danse sacrale



Stravinsky, Danse Sacrale

full score

SEE other layout — on large sheet, this folded

174

175+1

32 + 5 — (corresponds to 1 before No. 8)

33 + 3

34 + 2

4-7

8va bassa

5-7

6-Z43

invariants (10, 5, 9)

6-Z38 (with D)

176

35

4-21

3-6

(embellishments omitted)

8va bassa

6-Z46

5-5

7-6

5-35

5-8 (upper)

7-25

6=35

9-11

(11,2,6)

5-11

7-23:

(6,8,9,11,1)

4-14

5-14:

(5,5,2,10,0)

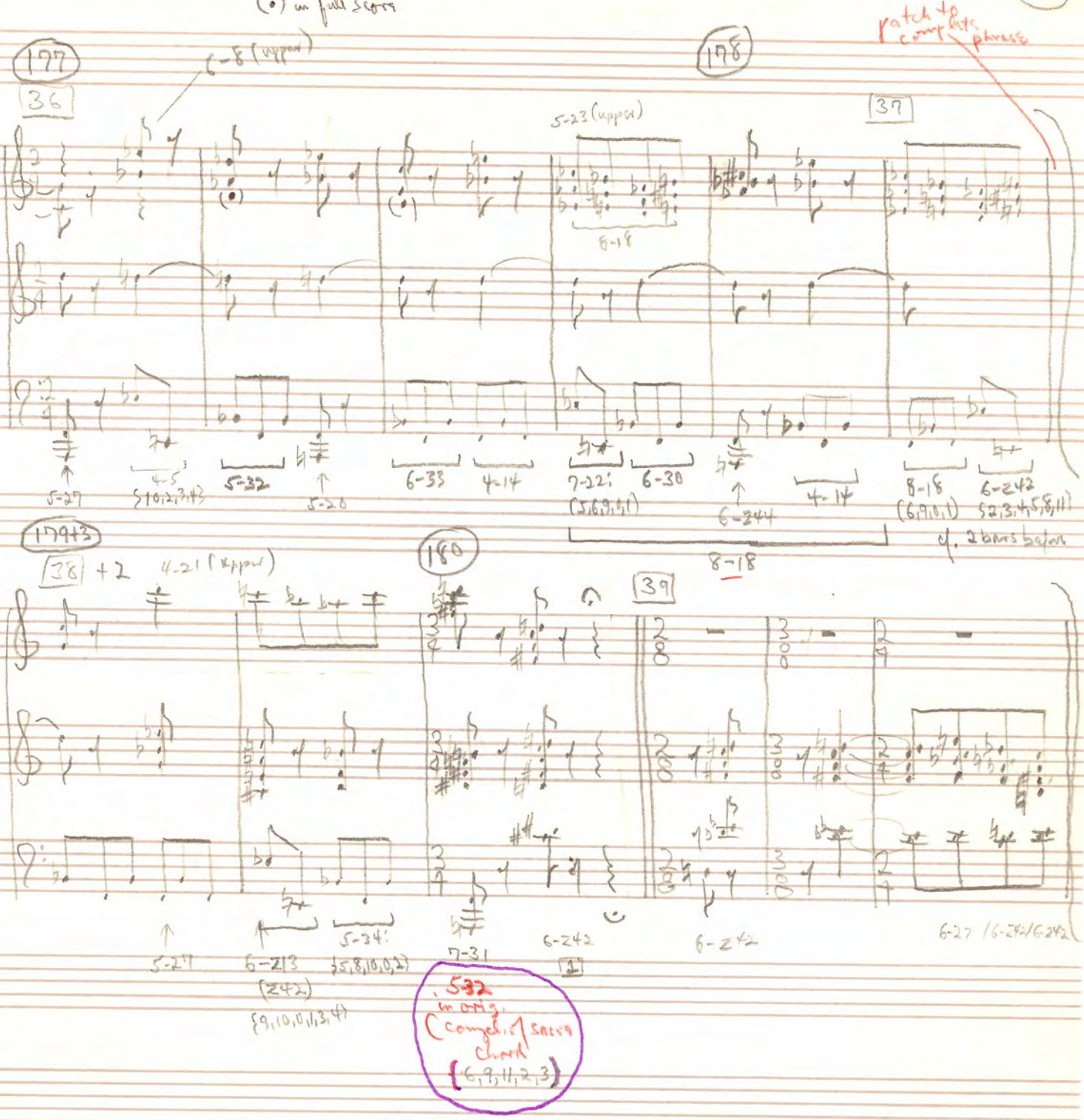
7-23

(36 + 4)

?6-31

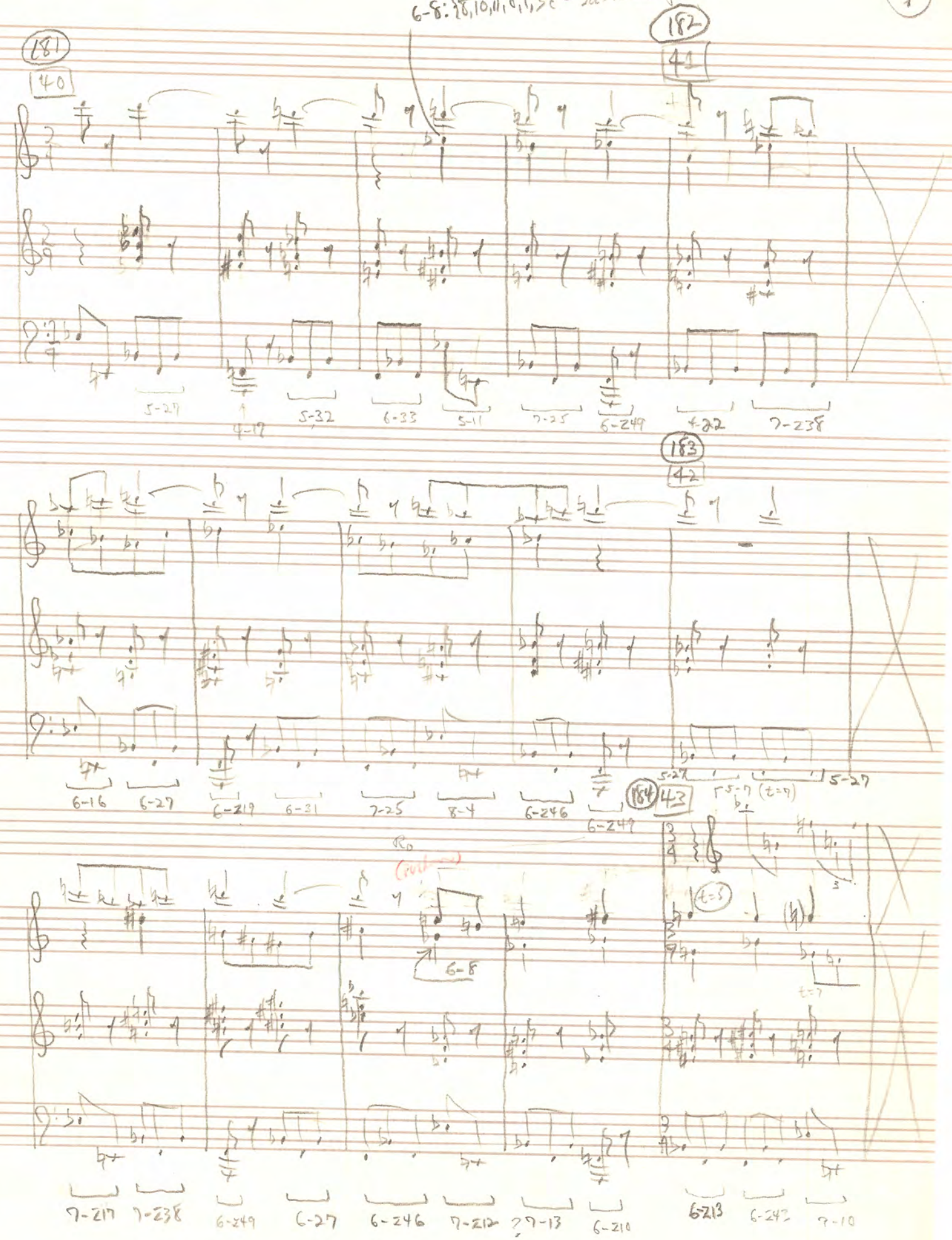
Stravinsky, Danse sacrale

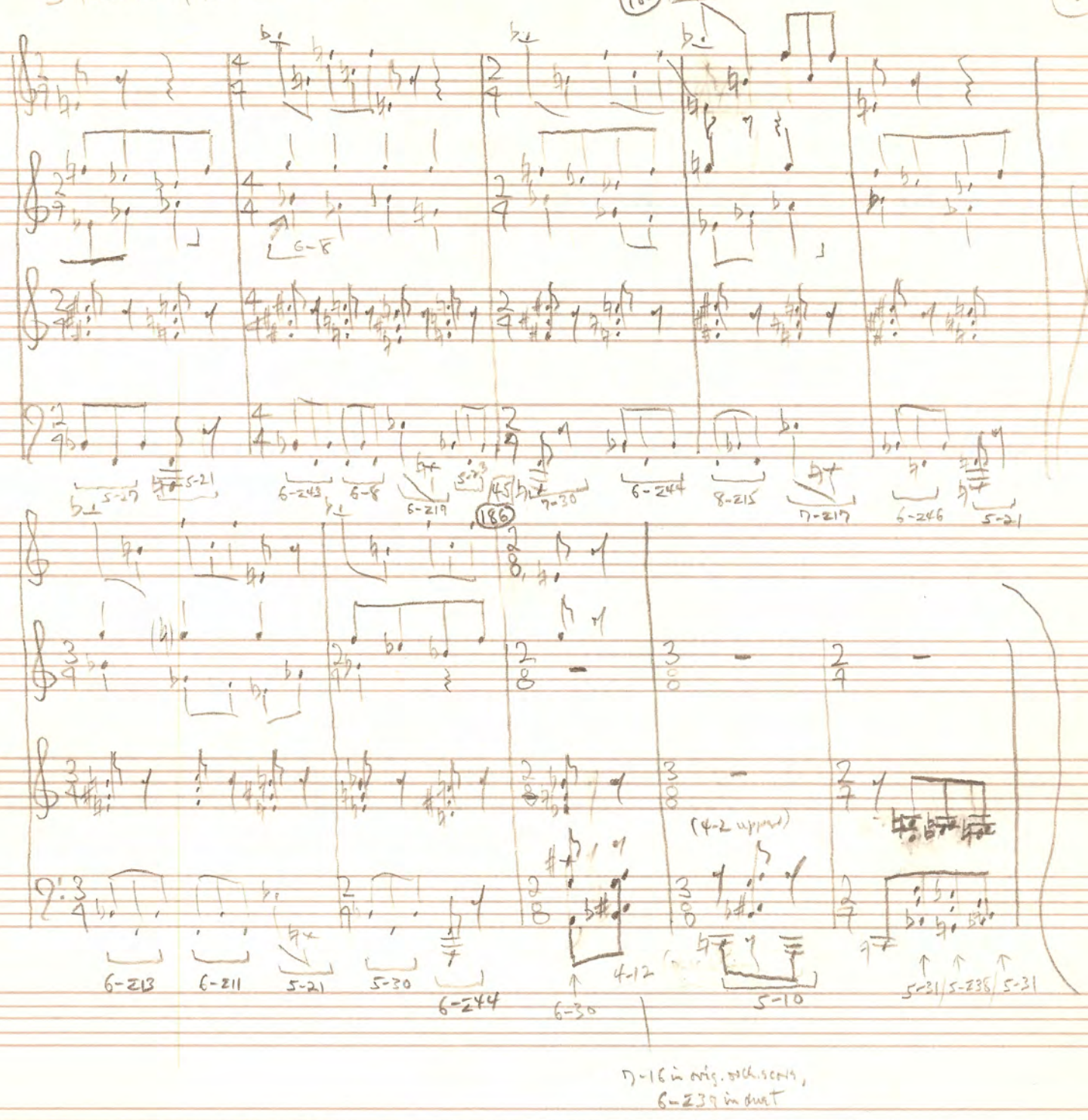
(•) in full score



Stravinsky, Danse sacrale

6-8: {8,10,11,0,1,3} – see sketches p. 84

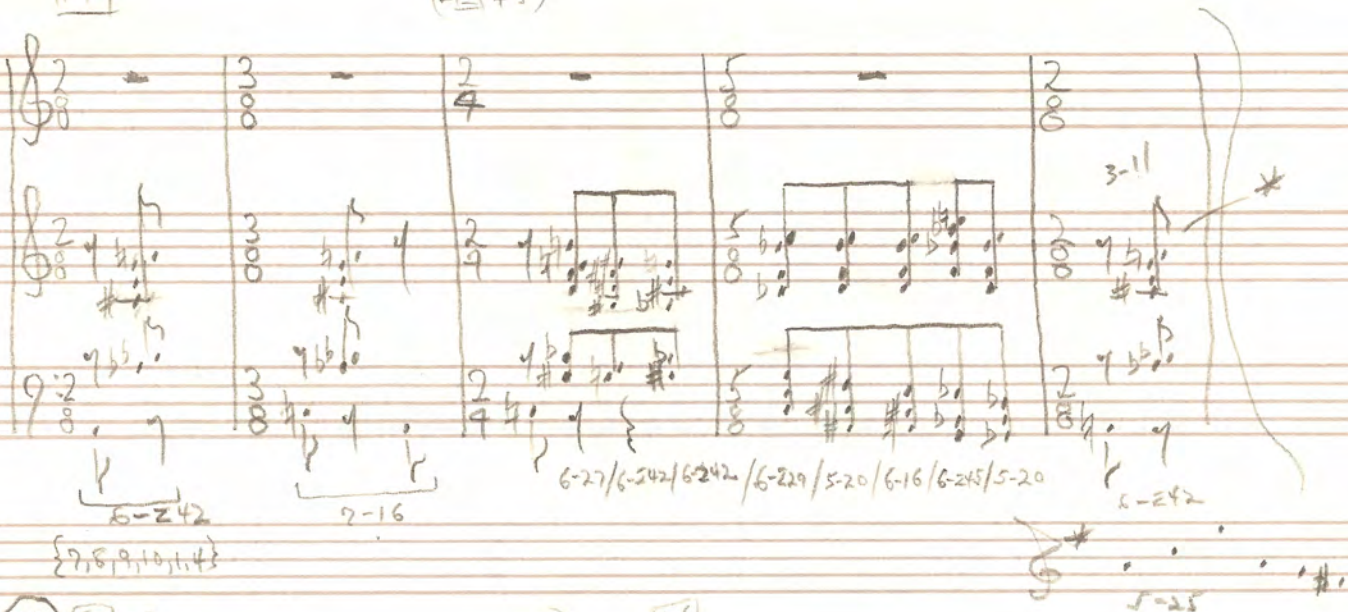




7-16 in orig. orchestra,
6-Z39 in duet

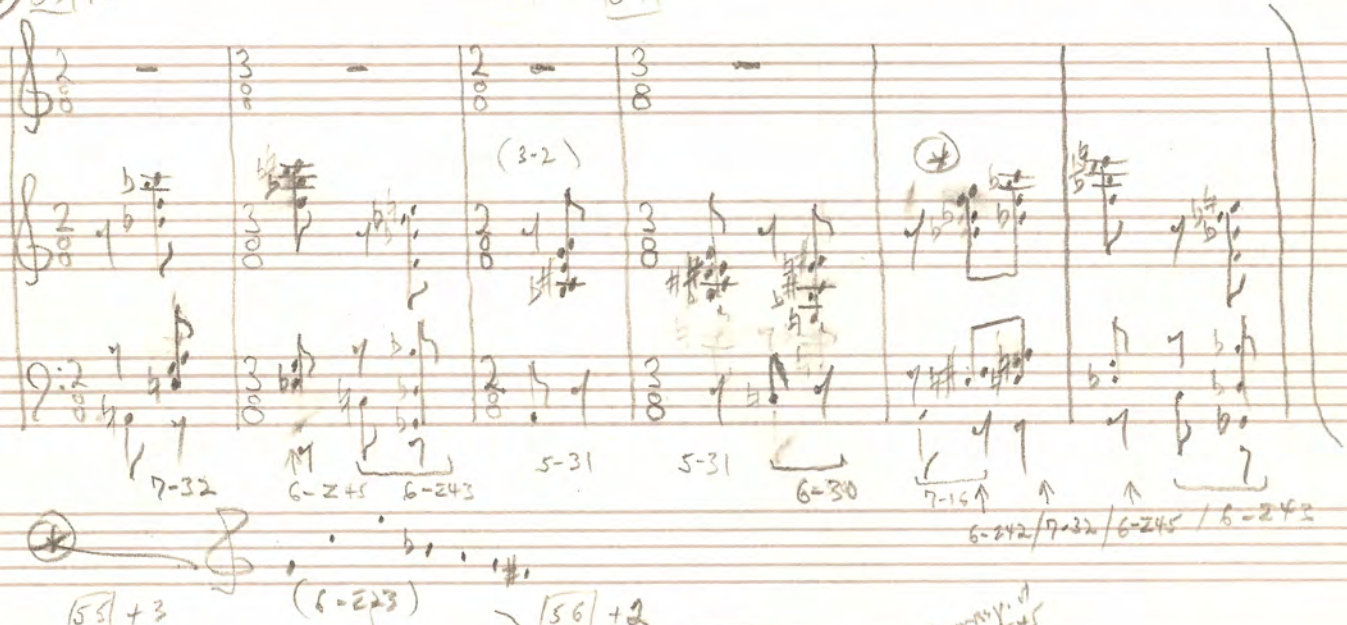
(189)

49 (=1 + 5)



(192) 53 +3

54

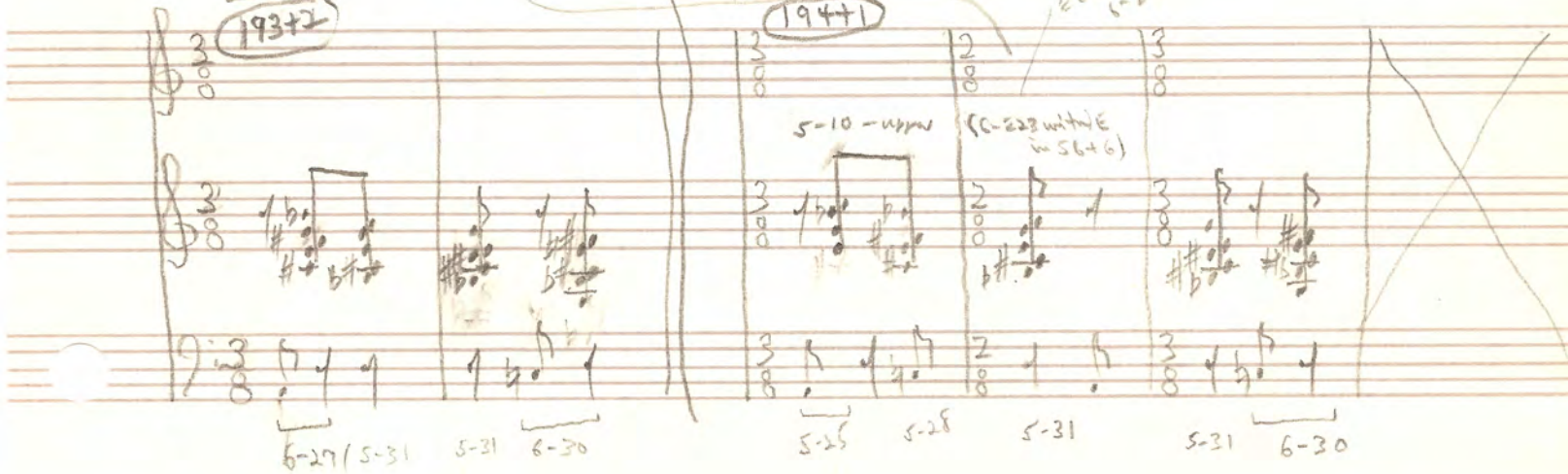


55 +3

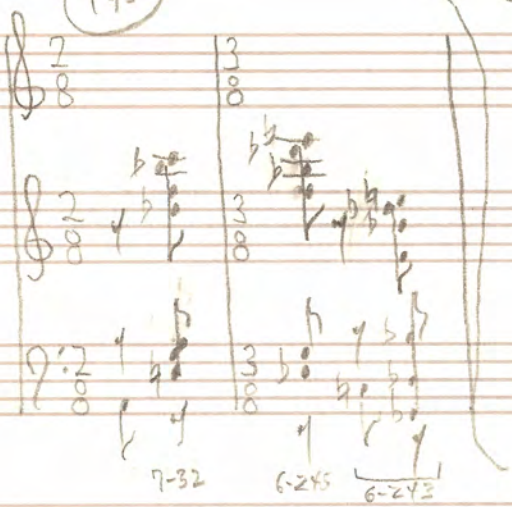
193+2

56 +2

194+1



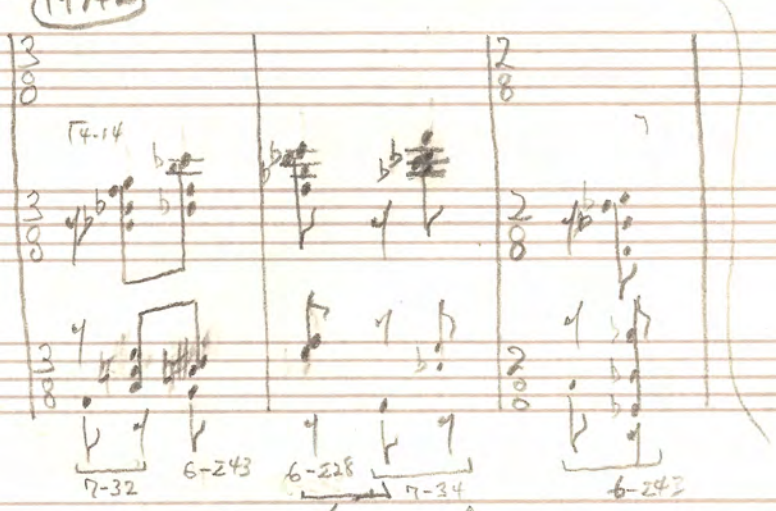
195



on beats at 192

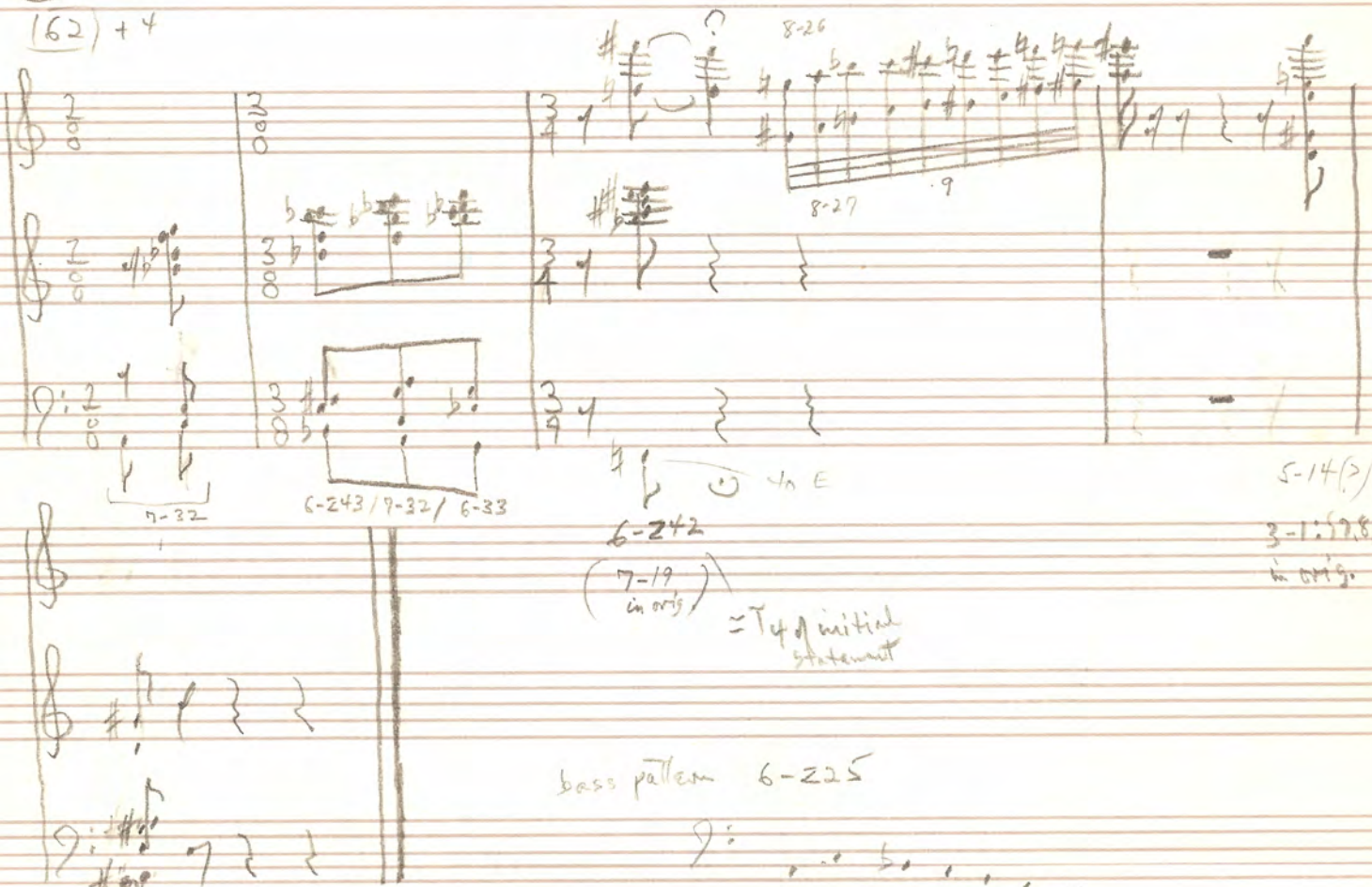
59

197+2



201

(62) + 4



5-14: {2,4,7,8,9} in orig. = i.e. same as preceding chord

4-16 (from Cue 12 m/introduction)

STRAVINSKY, DANSE SACRALE

SET-COMPLEX RELATIONS

A + B trichords omitted

⊕ in both

⊕ ~~8-2~~ 8-1

NB. 8-1 only [illegible]

			4-2	4-Z15	8-18	4-20	8-23	8-28	5-10	7-16	5-19	5-20	5-22	5-23	5-25	7-27	5-28	7-29	7-30	7-31	5-32	7-35	7-Z37	
⊕		5-10	K	K	Kh	K	K		K															
⊕		7-16	K	K	K	Kh	K		K															
	5-19	7-19		K	Kh	Kh	K	K	K															
⊕		5-20	K		K	K	Kh	K																
		5-22			K	Kh	K																	
		5-23	K	K	K	K	K	Kh																
⊕	5-25	7-25	K		K	K		K	K															
		7-27	K		K	K	Kh	K																
⊕	5-28	7-28	K		Kh	K			Kh															
		7-29	K		K	K	K	Kh																
		7-30	K		Kh		K																	
		7-31			K	Kh			Kh															
⊕	5-32	7-32			Kh	Kh	K	K	K															
		7-35					K	Kh																
		7-Z37	K			K	K																	
		~~6-1~~	~~Kh~~																					
⊕	(44)	6-Z19		K	Kh	Kh				K		K*	Kh								K		K*	8
⊕		6-Z45/6-Z23	K	K	K			K	K						K		K			K				8
	(47)	6-Z25	K	K	K*	K*	Kh					K*		K*	K*	K		Kh			K	K*		12
⊕		6-27		Kh	Kh			Kh	Kh	Kh					Kh					Kh	Kh			8
	(50)	6-Z29		K	Kh		K	K			K				K			K		K	K			9
		6-30		K	Kh			Kh			Kh						Kh			Kh				6
		~~6-32~~				~~Kh~~	~~Kh~~							~~Kh~~		~~Kh~~						~~Kh~~		
		6-33					Kh							Kh	Kh			Kh				Kh		5
	(13)	6-Z42	K	K	Kh	K*		K	K	K*	K									K				8
⊕	(17)	6-Z43	K*	Kh	Kh	K*					K	K*	K				K*		K*					9
		6-Z24/6-Z46	K	Kh	K	K	K		K					K		K		K	K		K			11
		6-Z28/6-Z49		K	Kh			K		K			K				K			K	K			8
			4-2	4-Z15 8-1	8-18	4-20	8-23	8-28	5-10	7-16	5-19	5-20	5-22	5-23	5-25	7-27	5-28	7-29	7-30	7-31	5-32	7-35	7-Z37	

STRAVINSKY, DANSE SACRALE

SIMILARITY RELATIONS AMONG HEXACHORDS

	ACQ	Rpairs														
	10	6	6-Z19	6-Z19												
	11	8	6-Z23	R_0	6-Z23											
	8	2	6-Z24	Rp	Rp	6-Z24										
	9	5	6-Z25	Rp	R_0	R_2 Rp	6-Z25									
*	12	8	6-Z27	R_0 Rp	R_2 Rp	Rp	Rp	6-Z27								
	10	7	6-Z28	R_0 Rp	R_0	Rp	Rp	R_2 Rp	6-Z28							
	11	6	6-Z29	Rp	R_1	Rp	Rp	R_2 Rp	R_1 Rp	6-Z29						
	9	6	6-30	R_0	R_1 Rp			R_2 Rp	R_1 Rp	R_1 Rp	6-30					
	10	3	6-33		Rp	Rp	R_2 Rp	Rp	R_0	Rp		6-33				
	11	8	6-Z42		R_1	R_0		R_2 Rp	R_1 Rp	R_1 Rp	Rp		6-Z42			
	9	3	6-Z43	Rp	Rp		R_0 Rp			Rp	Rp	R_0	Rp	6-Z43		
	8	5	6-Z45	R_0				R_2 Rp	R_1 Rp	R_1 Rp	Rp	Rp	R_1 Rp		6-Z45	
	6	3	6-Z46				R_2 Rp	Rp				Rp	R_0 Rp	Rp		6-Z46
	9	6	6-Z49	R_0 Rp	R_1 Rp			R_2 Rp			Rp	R_0	R_1	Rp	R_1	Rp

Common subsets in case of Rp and R_0, R_1, R_2

	6-Z19	6-Z19														
6-Z23		6-Z23														
6-Z24			6-Z24													
6-Z25			5-23 5-29	6-Z25												
6-Z27	5-16	5-10			6-Z27											
6-Z28	5-22				5-31	6-Z28										
6-Z29					5-31	5-21	6-Z29									
6-30		5-28			5-31	5-31	5-31	6-30								
6-33			5-23 5-25 5-29						6-33							
6-Z42					5-31	5-31	5-31			6-Z42						
6-Z43			5-20								6-Z43					
6-Z45					5-31		5-31			5-31		6-Z45				
6-Z46			5-27							5-23B			6-Z46		
6-Z49	5-16	5-28			5-16 5-32									6-Z49		

Common subsets in case of Rp only

	6-Z19	6-Z19														
6-Z23		6-Z23														
6-Z24	5-17	5-10	6-Z24													
6-Z25	5-20			6-Z25												
6-Z27			5-10	5-25	6-Z27											
6-Z28			5-26	5-21?		6-Z28										
6-Z29	5-18		5-29	5-29			6-Z29									
6-30								6-30								
6-33		5-23 5-29	5-23 5-29		5-25		5-29		6-33							
6-Z42								5-31		6-Z42						
6-Z43	5-18 5-20	5-28					5-28	5-28		5-28	6-Z43					
6-Z45								5-31	5-24			6-Z45				
6-Z46					5-32				5-24		5-28		6-Z46			
6-Z49								5-28			5-29		5-32	6-Z49		

STRAVINSKY, DANSE SACRALE

SET-COMPLEX RELATIONS

(A)

3-11 all
3-3 all but 4-20

		4-2 (8)	4-20 (9)
5	5-10	K	K
5	7-16	K	K
4	5-20	K	Kh
3	5-22		K
4	7-25	K	
3	7-28	K	
4	7-32		K
3	7-Z37	K	K

	4-2	4-20	5-10	7-16	5-20	5-22	7-25	7-28	7-32	7-Z37		(7-31)
6-Z19		Kh		K	K*	Kh			K	K*	6	
6-27			Kh	Kh			Kh		Kh		4	Kh
6-Z29							K		K		2	K
6-Z42		K	K	K*							3	K
6-Z43	K*	K*			K*	K		K*			5	
6-Z45	K		K				K*	K*			4	K

(B)

	8-1	4-2	4-Z15	8-18	8-23	8-28	5-10	7-16	5-19	5-20	5-23	5-25	7-27	5-28	7-29	7-30	7-31	5-32	7-35	
5-10	K	K	Kh	K		K														
7-16	K	K	K	Kh		K														
5-19	K		Kh	Kh	K	K														
5-20		K	K	K	K															
5-23	K	K	K	K	Kh															
5-25		K	K	K	K	K														
7-27		K	K	K	K															
5-28		K	Kh	K		Kh														
7-29		K	K	K	Kh															
7-30		K	Kh																	
7-31			K	Kh		Kh														
5-32			Kh	Kh	K	K														
7-35					Kh															
6-Z19			K	Kh				K		K*								K		5
6-Z23		K	K	K		K	K*					K*		K*			K*			8
6-Z25		K	K	K*	Kh					K*	K*	K*	K		Kh			K	K*	11
6-27			Kh	Kh		Kh	Kh	Kh				Kh					Kh	Kh		8
6-30			K	Kh		Kh			Kh					Kh			Kh			6
6-33					Kh						Kh	Kh							Kh	4
6-Z43		K*	Kh	Kh					K	K*				K*		K*				7
6-Z24/6-Z46		K	Kh	K	K		K				K		K		K	K		K		10
6-Z28/6-Z49			K	Kh		K		K						K			K		K	7

SIMILARITY RELATIONS AMONG HEXACHORDS:

	6-Z19	6-27	6-Z29	6-Z42	6-Z43	(6-Z45)
6-Z19						
6-27	R0 Rp					
6-Z29		R2 Rp				
6-Z42		R2 Rp	R1 Rp			
6-Z43						
6-Z45	R0	R2 Rp	R1 Rp	R1 Rp		

Transitus ~~tuplis~~ quintuplex in Danse sacrale

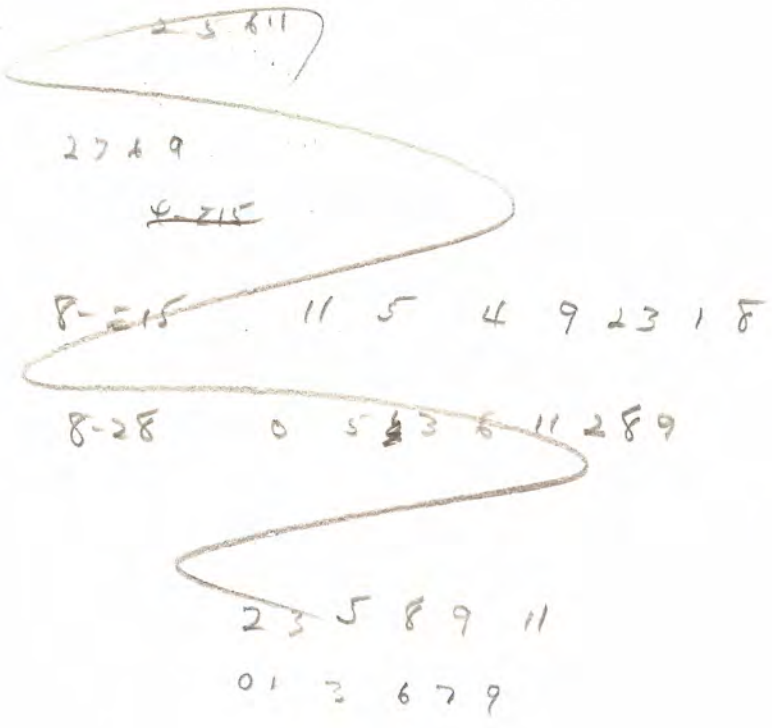
R_1 6-223, 6-228, 6-229, 6-30, 6-242 ~~6-249~~ (complete)

R_1 6-223, 6-229, 6-30, 6-242, 6-249 (complete)

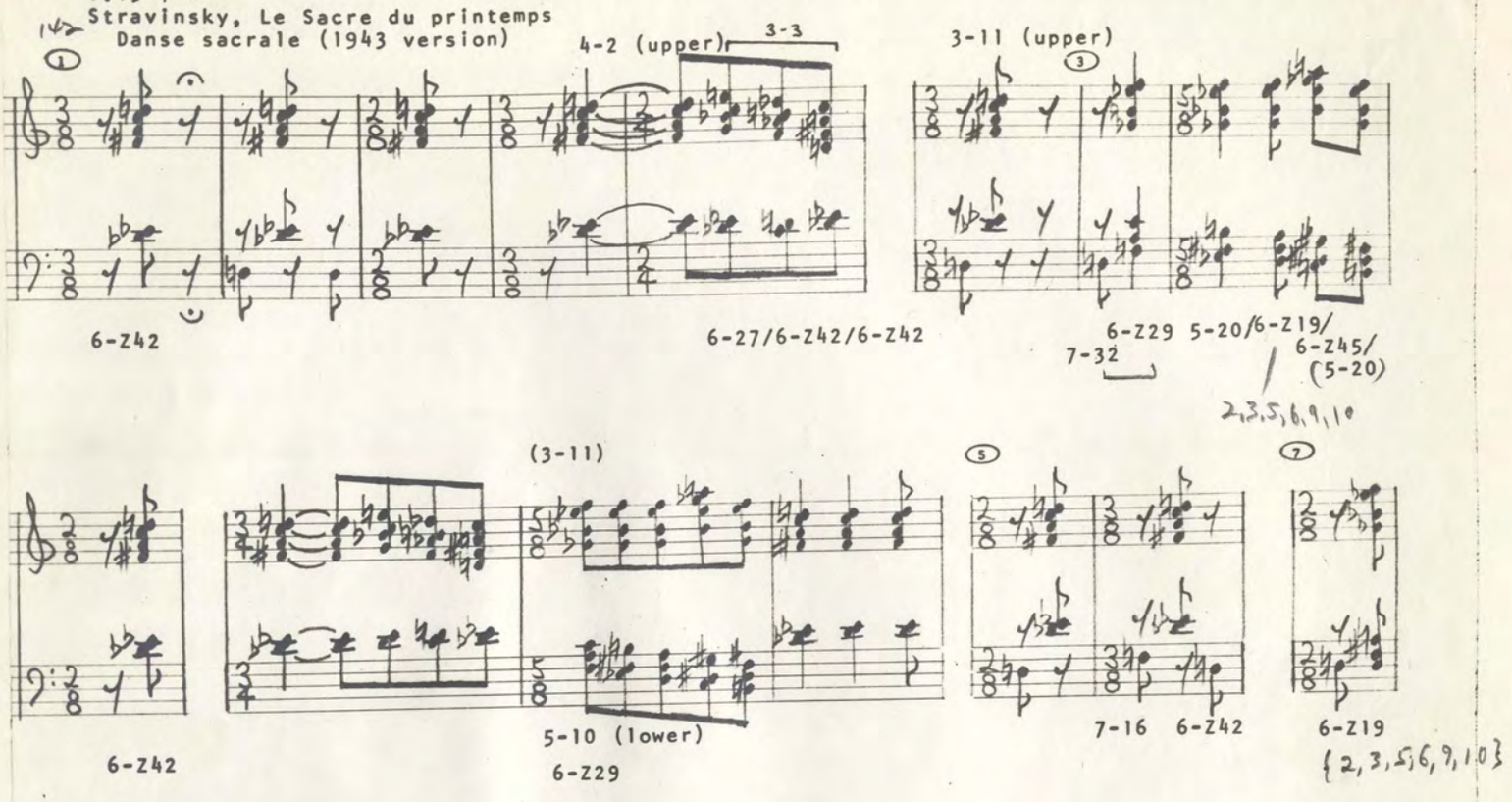
R_1, R_{11} 6-228, 6-229, 6-30, 6-242, 6-245 (COMPLETE)

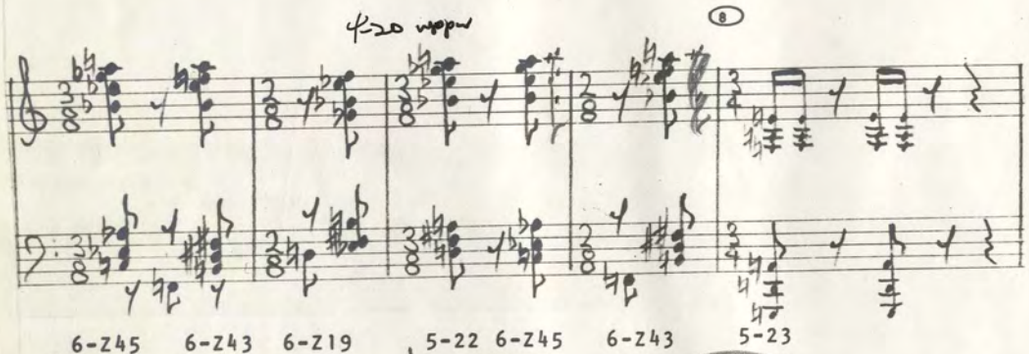
R_1 6-229, 6-30, 6-242, 6-245, 6-249 (COMPLETE)

4 out of 11 quintuples (ex. 1.13-9)


2 5 8 11
2 7 8 9
8-15 11 5 4 9 2 3 1 8
8-28 0 5 3 11 2 8 9
2 5 8 9 11
0 1 3 6 7 9

1.15-9
Stravinsky, Le Sacre du printemps
Danse sacrale (1943 version)

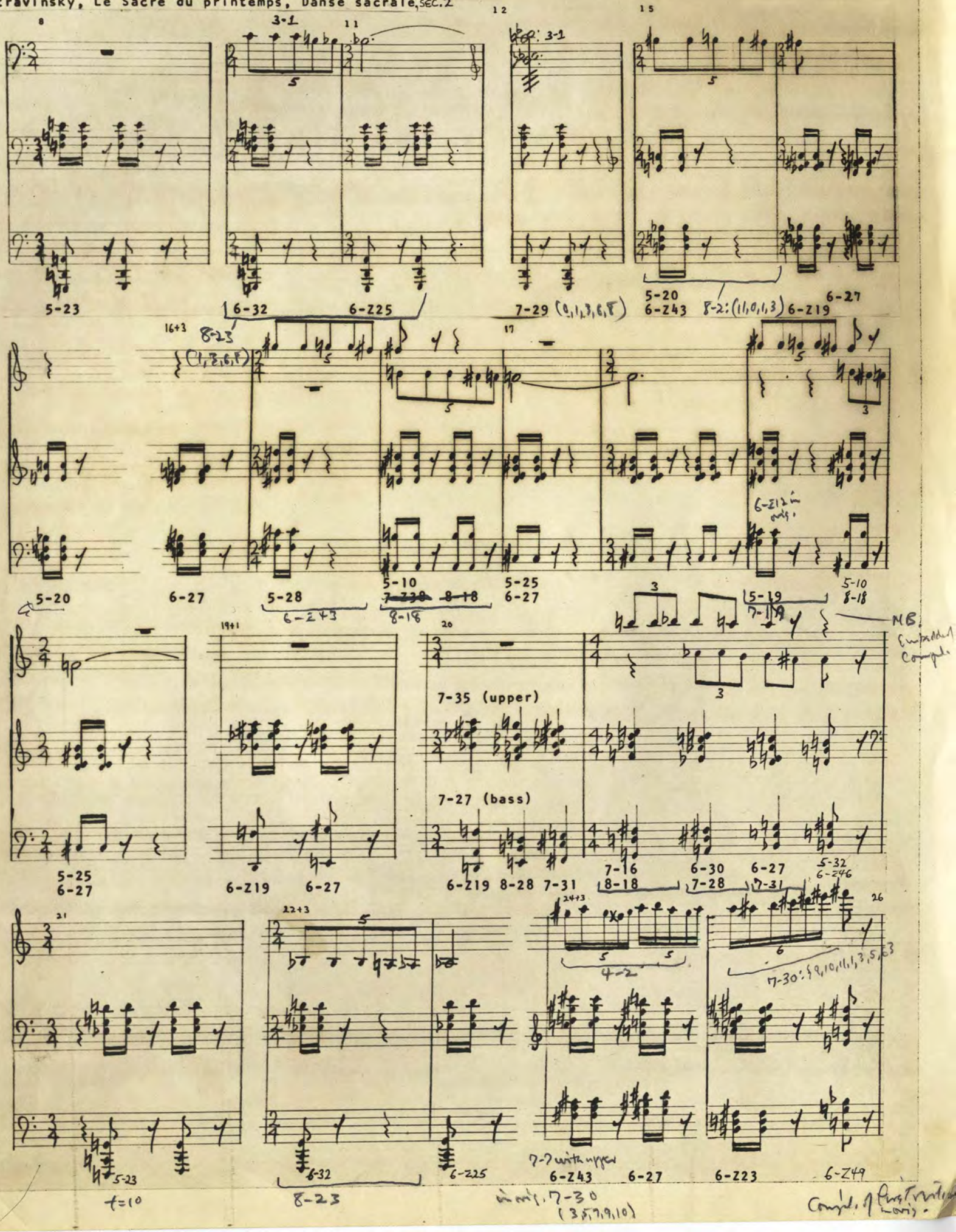




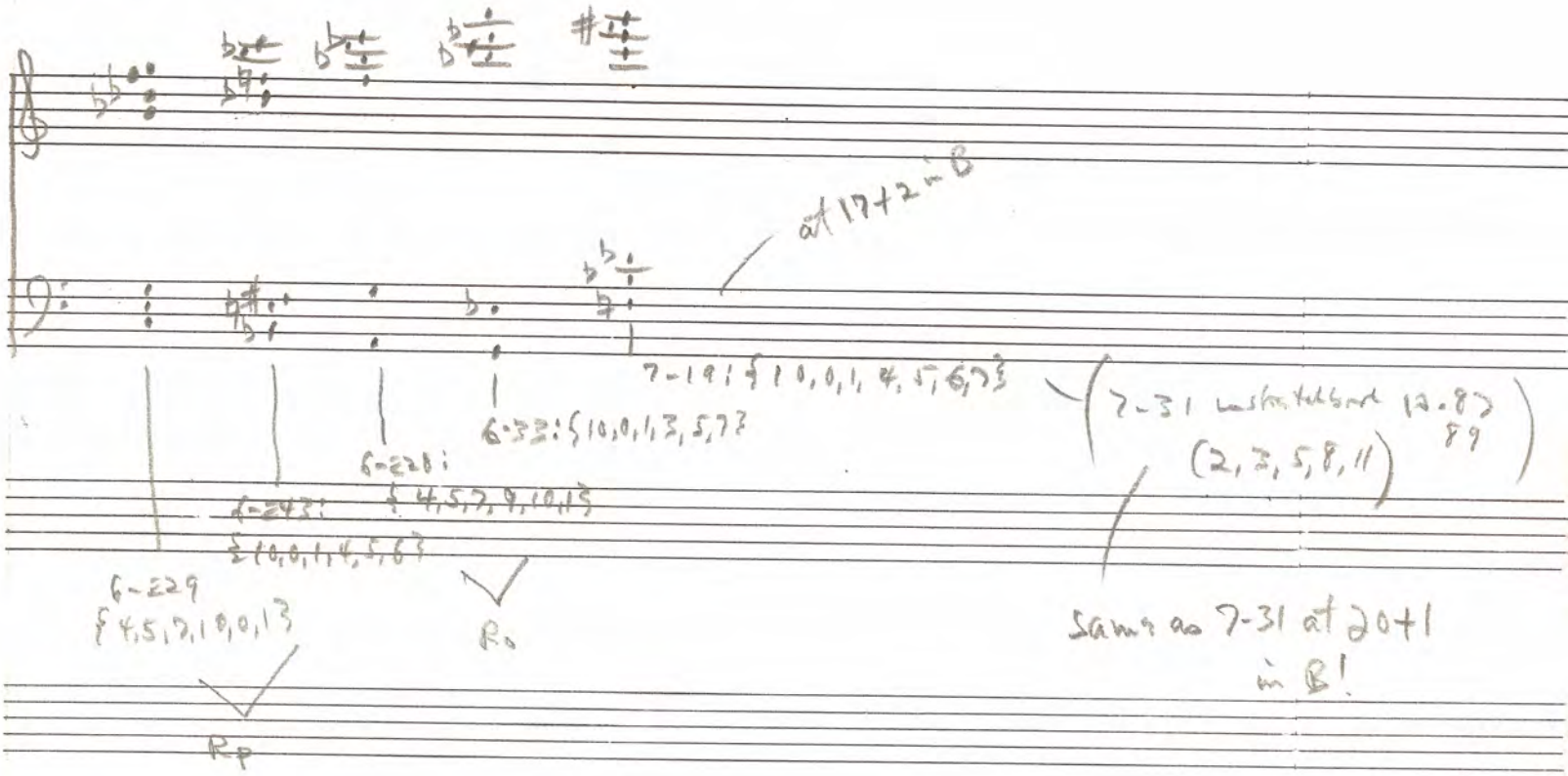
8-22 in orig.
5-28 in piano score

5-28 in piano score
6-Z43 (as here) in orig.

1.15-14
Stravinsky, Le Sacre du printemps, Danse sacrale, SEC. 2



201

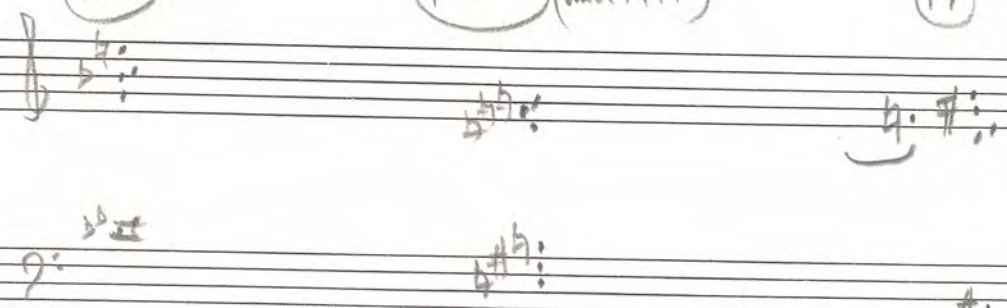

at 17+2 in B
7-19: {10,0,1,4,5,6,7}
6-33: {10,0,1,3,5,7}
6-228: {4,5,7,9,10,1}
6-243: {10,0,1,4,5,6}
6-229 {4,5,7,10,0,1}
Rp
Ro
(7-31 unstratified 12.87 89 (2,3,5,8,11))
Same as 7-31 at 20+1 in B!

Danse sacrale
sets in A & B

Show entire series

6-27

1+5 15+1 (and 19+1) 17



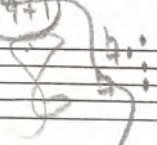
A 6-27 : {7, 10, 0, 1, 3, 4}

B 11, 2, 4, 5, 7, 8 T4

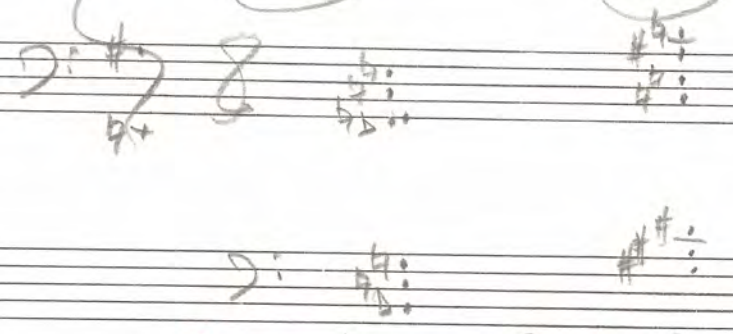
C 8, 11, 1, 2, 4, 5 T1

T9 max 5 minor. 5-31: 8, 11, 2, 4, 5

19+1



20+1 24+3



D 6-27: {4, 7, 9, 10, 0, 1}

E {3, 6, 8, 9, 11, 0}

Transformations NB 0

A → B T4
A → C T1
A → D T9 max
G → J
A → E T8
G

5 minor. (5-31) — 4, 7, 10, 0, 1

H I

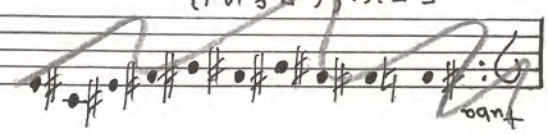
5 minor. 5-31 8, 11, 2, 4, 5

B → C T9 max
B → D T5
B → E T4

C → D T8 D → E T11
C → E T7

J is under

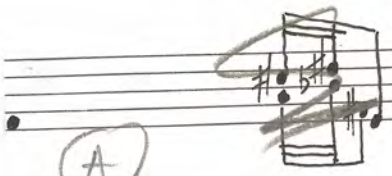
5-236: {6, 7, 8, 10, 1}



G → J
and H → I

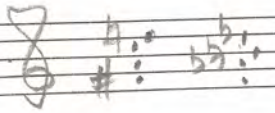
Danse sacrale — derivations within sections

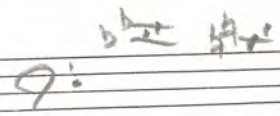
with sets in both

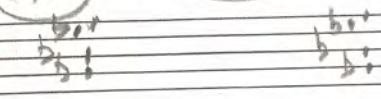


A

~~3+1~~ 3+1 ~~3+1~~ 7+2 19+1 same as 3+1



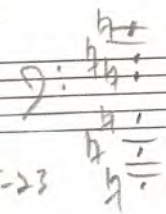


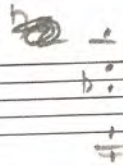


6-E42 , T_{11}

6-E19
2,3,5,6,9,10 {10,11,2,3,5,6}
IT_8 invar. 10,2,3,5,6,
5-E17

B 8 21





all T_{10}

5-23 2,4,5,7,9 0,2,3,5,7

T_{10} max invar. — 2,5,7 invar

~~6-32 0,2,4,5,7,9 10,0,2,3,5,7 0,2,5,7 4-23 invar and 8-23 in largest~~

6-E25 2,4,5,7,9,10 0,2,3,5,7,8 2,5,7 invar

also 6-E23 in B

~~Dupont~~ 28th in A and B, cont'd.

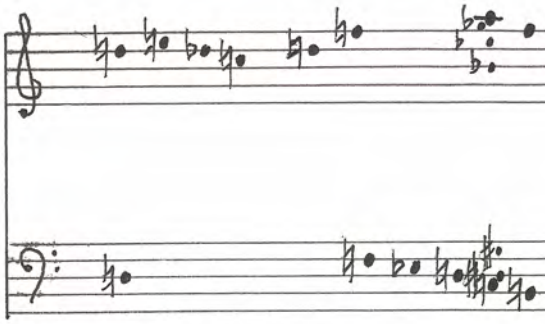
6-Z43 (15) (16+4) (24+3)

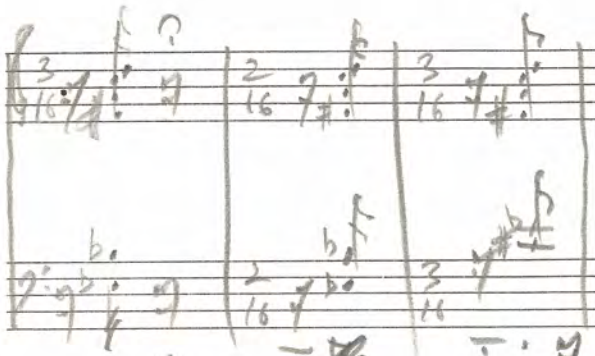
2, 4, 5, 8, 9, 10 0, 2, 3, 6, 7, 8 T_{10} inver 2, 8 6, 8, 9, 0, 1, 2

in A ~~M~~ (7+1)

3, 5, 6, 9, 10, 11

6-Z19



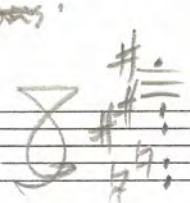


6-E25 {9,10,0,2,3,6}

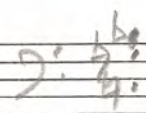
6-E42

7-16 9,10,0,1,2,3,6

last chord ~~in ovis~~ of B



inv. 4-23 10,0,3,6

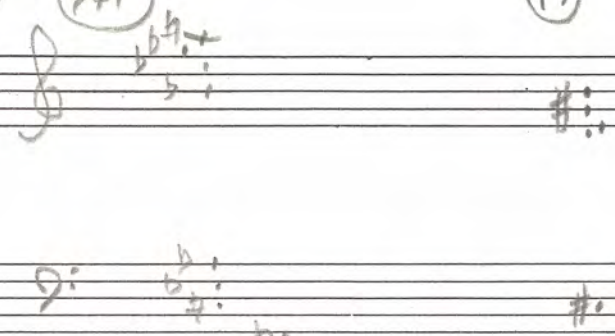


6-E49: {10, 0, 3, 4, 6, 7} IT_{11} T(I(6-E25), 11)

Danse sacrale

Sets in A and B

5-25/7-25 (7+1) (17)

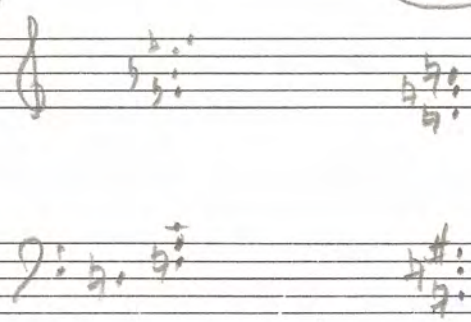


7-25: {3, 5, 6, 8, 9, 10, 0} 5-25 8, 11, 1, 2, 4 literal complement

7-28 [illegible]

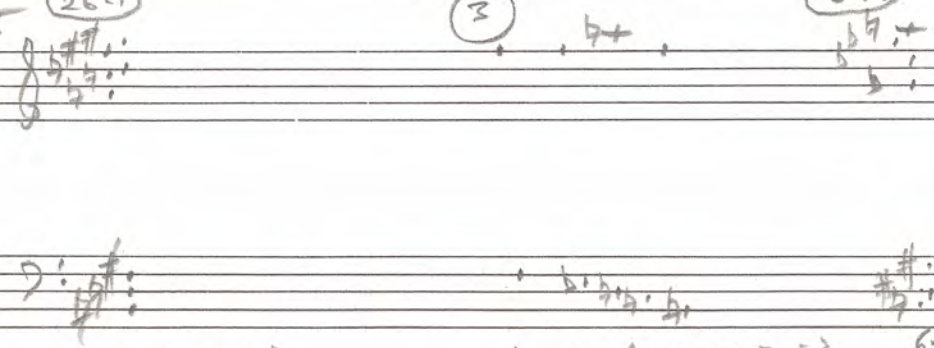
5-32/7-32 "Sacre Chord" — Ex. 1, 14-2

(3) (20+1)



7-32: {9, 10, 0, 2, 3, 5, 6} 5-32: {11, 2, 4, 7, 8} IT_3 4 invar. pos — i.e., almost literal complement

6-E23/E45 (26-1) (3) (3+1)



6-E23: {6, 8, 9, 11, 0, 2} 6-E23: {9, 11, 0, 2, 3, 5} 6-E45: {6, 8, 9, 10, 0, 3}

T_9 max invar. 9, 11, 0, 2 (4-10)

[illegible]

DENSE SACRALE
SETS IN BOTH A and B

add 7-28 in 8-2
and in 20+1 (semi set)
t=0
5-28 at 16+3 in 0, 2, 3, 6, 8

7-28 as I www
part in B
in 1, 2, 4, 6, 7, 8, 10
IT4

2, 6, 8, 10

5-10

A (3)

{11, 0, 2, 3, 5}

B 16+3

{8, 10, 11, 1, 2} IT1

7-16 (5)

20+1

0, 1, 2, 3, 5, 6, 9

0, 3, 4, 6, 7, 8, 9 IT9

5-20

3+1

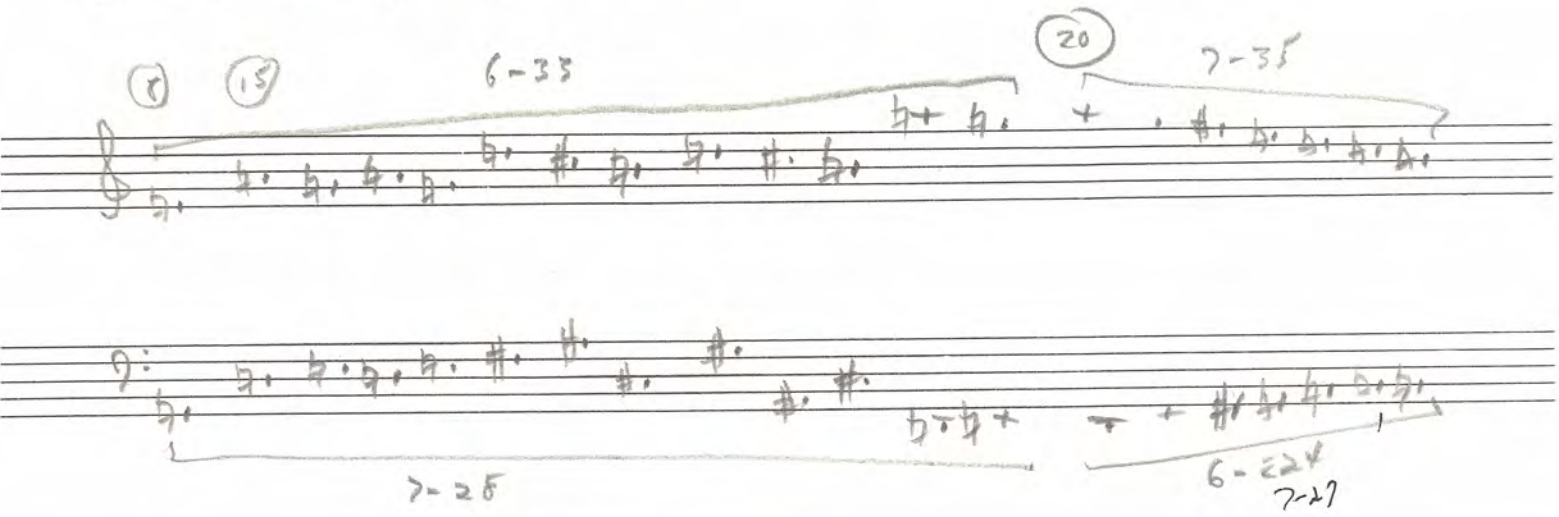
15

10, 11, 3, 5, 6

9, 10, 2, 4, 5 T11 5, 10 www

Composite segment

B- outer voices / accomp.



Danse sacrale, part 3

(174)

17541

4-21: {8,10,0,2}

6-35

7-33

5-7: {3,4,5,9,10}

6-Z28: {2,3,4,5,9,10}

8-16: (6,7,11,1)

4-16 in last chord in bars

180 - end of section

6-Z42

? 6-Z49: {2,3,5,6,9,11}
7-31 according to
orientation in folder

17641

2-25: {10,0,1,3,4,5,7}

186 - end of section

6-30: {1,3,4,7,9,10}

6-Z42: {7,8,9,10,0,4}
7-16 with C♮

6-27: {2,5,7,8,10,11}

only in piu-vcas

6-Z42: {7,8,9,10,1,4}

6-Z42: {6,7,8,9,0,2}

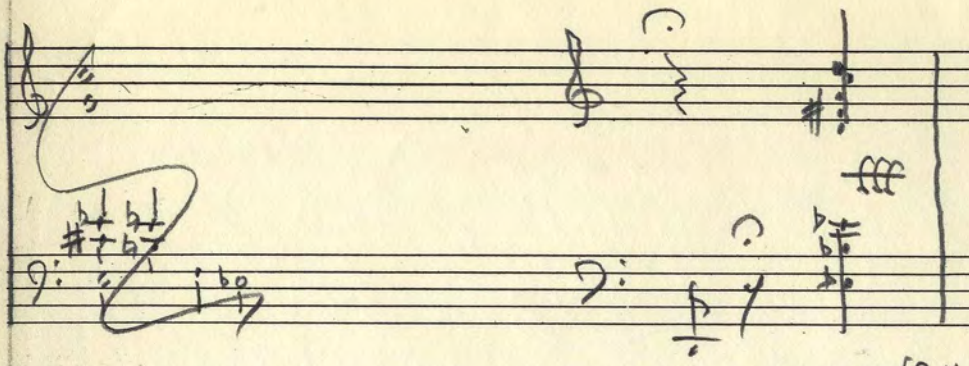
(177)

6-8: {8,10,11,0,1,3}

8-8: (6,7,11,0)

Supplementary Illustrations for Dance sacrals

Sketchbook, p. 84



6-Z28: {9, 11, 0, 2, 3, 6}

~~Sketch~~ complete last chord in orig.
~~– changed to 6-Z49 (Z-corresp) in 1943 rev.~~

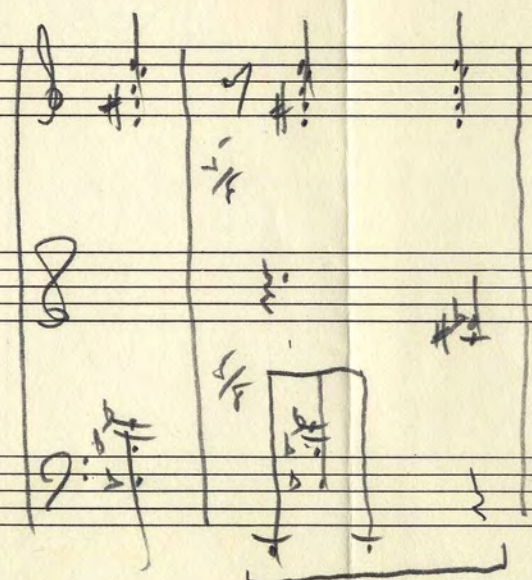
this the accented chord (also elsewhere)

6-Z45: {6, 8, 9, 10, 0, 5}

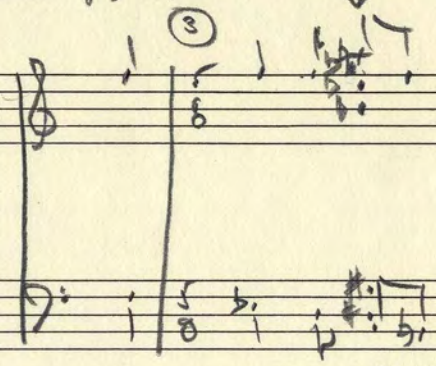
7(I(6-Z23), 4)

Sketchbook p. 86

Composite seg.
also in first version



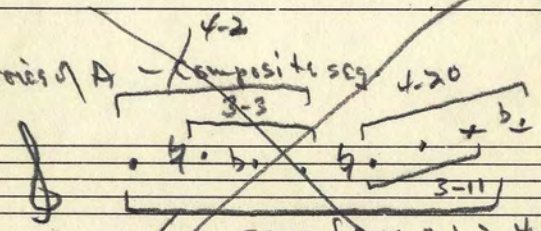
7-16: {9, 10, 0, 1, 2, 3, 6}



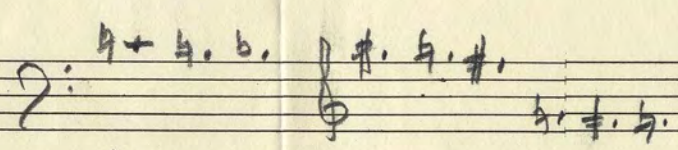
6-Z23: {9, 11, 0, 2, 3, 5}

Thus at (5) 7-16 is IT_3 – minor subset in 6-Z42 (obvious)

Top voices of A – composite seg.

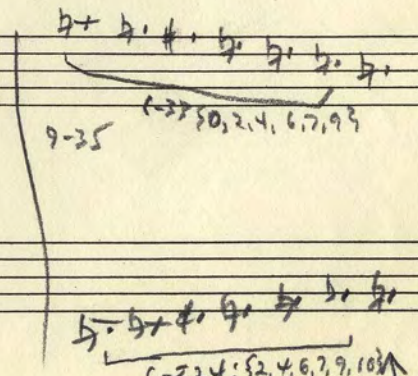


7-Z37: {9, 10, 0, 1, 2, 4, 5}



6-Z4: {6, 7, 8, 10, 11, 0}

7-5: {9, 1, 2, 3, 4}



6-Z37 {0, 2, 4, 6, 7, 9}

7-35

6-Z24: {2, 4, 6, 7, 9, 10}

7-27

4.6-Z46, vertical

Rite of Spring sketchbook
pages relevant to Sacrificial Dance

p. 81 f.

p. 84 – first chord is 6-Z28 {9, 10, 0, 2, 3, 6}

Stravinsky, Danse sacrale Part 3 rehearsal nos. 33 + 3, 40

3	4	5	6
3-6	8-4	5-5	6-Z13/6-Z42
9-11	4-5	7-6	6-31
	4-7	5-8	6-33
	4-14	7-10	6-35
	8-18	5-11	6-Z38
	4-21	5-20	6-Z44
		5-23	6-Z46
		7-25	
		5-27	
		7-31	
		5-32	
		7-Z38	

new sets at 40

8-Z15	7-Z12	6-8
4-17	7-13	6-16
		6-Z19
		6-27
		6-30
		6-Z43
		6-Z49

Stravinsky, Danse Sacrale (add)

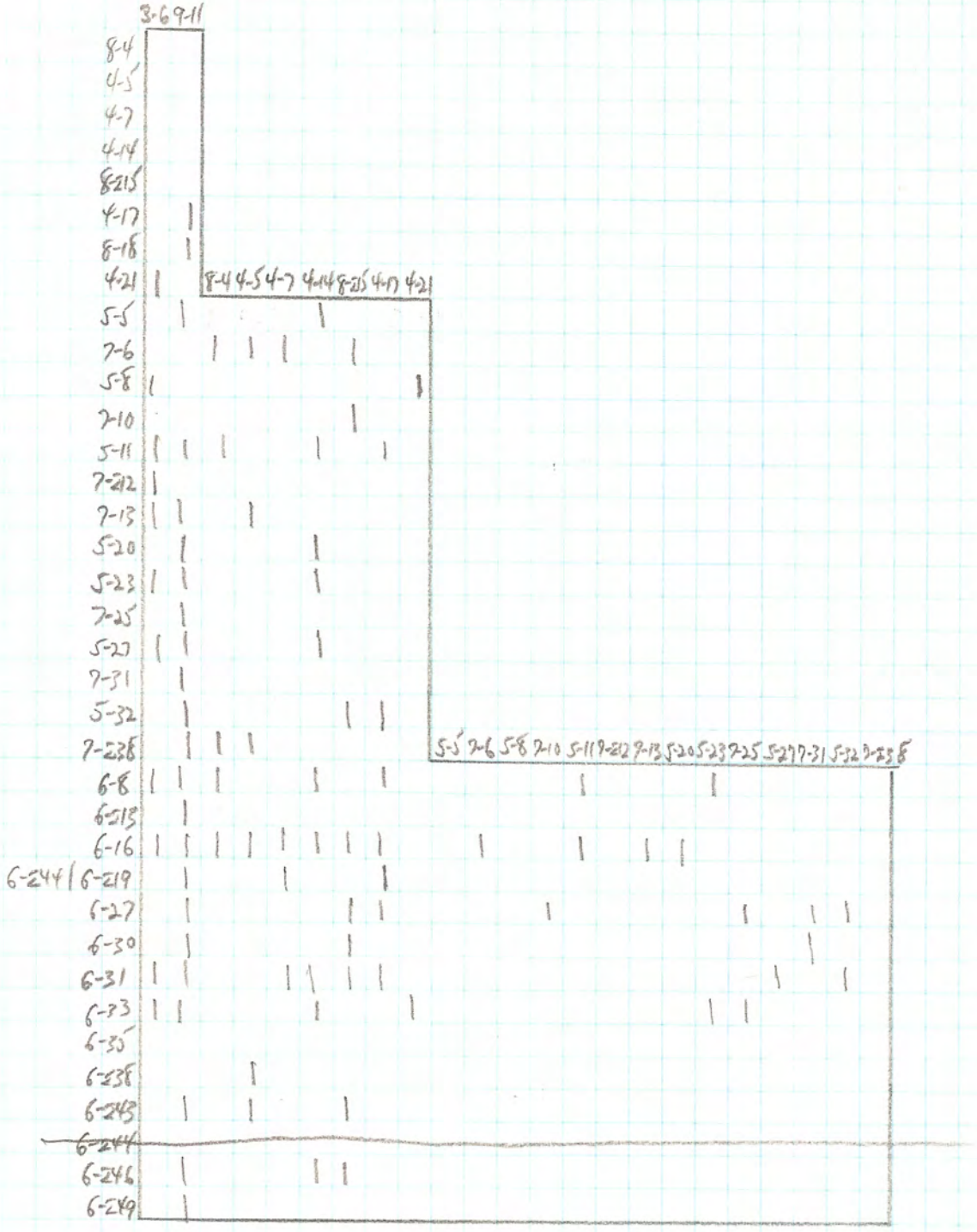
		39	43	50
		3-1	3-6	3-11
26	4-2	K	K	K
29	8-4	K	K	K
25	4-5	K	K	K
21	4-7	K	K	K
29	4-12	K	K	K
32	4-14	K	K	K
36	8-21	K	K	K
29	4-16	K	K	K
28	4-17	K	K	K
31	8-18	K	K	K
18	4-21	K	K	K
13	8-28	O	O	K
14	5-5	K	K	K
17	7-6	K	K	K
10	5-8	K	K	K
17	5-10	K	K	K
17	5-11	K	K	K
14	7-12	K	K	K
16	7-13	K	K	K
13	5-14	K	K	K
16	7-16	K	K	K
14	5-19	K	O	K
16	5-20	K	K	K
14	5-22	K	O	K
17	5-23	K	K	K
18	5-25	K	K	K
17	5-27	K	K	K
15	5-28	K	K	K
15	5-29	K	K	K
12	5-31	O	K	K
16	5-32	O	K	K
10	7-34	O	K	K
8	7-35	O	K	K
17	5-38	K	K	K
9	6-8	Kh	Kh	Kh
14	6-13	K	O	Kh
10	6-14	Kh	Kh	Kh
15	6-16	Kh	Kh	Kh
17	6-19	K	O	Kh
15	6-23	K	K	Kh
21	6-24	K	Kh	Kh
20	6-25	K	K	K
11	6-27	O	O	Kh
13	6-28	O	K	Kh
8	6-30	O	O	Kh
11	6-31	O	Kh	Kh
6	6-32	O	Kh	Kh
10	6-33	O	Kh	Kh
2	6-35	O	Kh	O
11	6-38	K	O	K
19	6-43	Kh	K	Kh

Lacking: 3-3, 6-22 (6-25) indicated Kh incompletely

		4-2	8-4	4-5	4-7	4-12	4-14	8-21	4-16	4-17	8-18	4-21	8-28
14	5-5	K	K	K	K	K	K	K	K	O	K	K	O
17	7-6	K	K	K	K	K	K	K	K	K	K	O	O
10	5-8	K	K	K	O	K	O	K	O	O	O	K	O
17	5-10	K	K	K	O	K	K	K	O	K	K	K	K
17	5-11	K	K	K	K	K	K	K	K	K	O	O	O
14	7-12	K	K	K	O	K	K	K	K	K	K	O	O
16	7-13	K	K	K	K	K	K	K	K	K	K	K	O
13	5-14	K	K	K	O	O	K	K	K	O	K	K	O
16	7-16	K	K	K	K	K	O	K	O	K	K	O	K
14	5-19	K	O	K	K	K	K	K	K	O	K	O	K
16	5-20	K	K	K	K	K	O	K	K	K	K	O	O
14	5-22	K	O	K	O	K	K	K	K	K	K	O	O
17	5-23	K	K	K	K	K	O	O	K	K	K	K	O
18	5-25	K	K	K	K	K	O	K	K	K	K	K	K
17	5-27	K	K	K	K	K	O	K	K	K	K	O	O
15	5-28	K	K	K	K	O	K	O	K	O	K	K	K
15	5-29	K	K	K	K	K	K	O	O	K	K	K	O
12	5-31	O	K	K	O	O	O	O	K	O	K	K	O
16	5-32	O	K	K	O	O	O	K	K	K	K	O	K
10	7-34	O	K	K	O	O	O	O	K	K	K	O	O
8	7-35	O	K	K	O	O	O	O	O	K	O	O	K
17	5-38	K	K	K	K	K	K	K	K	K	K	O	O
9	6-8	Kh	Kh	Kh	Kh	Kh	O	O	O	Kh	O	O	Kh
14	6-13	K	O	Kh	O	K	K	O	Kh	O	K	O	K
10	6-14	Kh	Kh	Kh	Kh	Kh	O	Kh	O	Kh	O	O	Kh
15	6-16	Kh	Kh	Kh	Kh	Kh	Kh	Kh	O	Kh	Kh	Kh	Kh
17	6-19	K	O	Kh	O	K	K	Kh	K	K	K	K	Kh
15	6-23	K	K	Kh	K	O	O	O	Kh	O	K	O	O
21	6-24	K	Kh	Kh	K	K	K	O	K	Kh	Kh	K	K
20	6-25	K	K	K	K	K	O	O	O	K	K	K	K
11	6-27	O	O	Kh	O	O	O	O	Kh	O	Kh	O	Kh
13	6-28	O	K	Kh	O	O	O	O	Kh	O	K	O	K
8	6-30	O	O	Kh	O	O	O	O	Kh	O	Kh	O	O
11	6-31	O	Kh	Kh	O	O	O	Kh	Kh	Kh	Kh	Kh	Kh
6	6-32	O	Kh	Kh	O	O	O	O	O	Kh	O	O	O
10	6-33	O	Kh	Kh	O	O	O	O	O	Kh	O	O	Kh
2	6-35	O	Kh	O	O	O	O	O	O	O	O	O	Kh
11	6-38	K	O	K	O	K	Kh	K	O	K	K	Kh	O
19	6-43	Kh	K	Kh	K	Kh	Kh	K	K	K	Kh	Kh	O

		5-5	7-6	5-8	5-10	5-11	7-12	7-13	5-14	7-16	5-19	5-20	5-22	5-23	5-25	5-27	5-28	5-29	5-31	5-32	7-34	7-35	5-38	
9	6-8	O	O	O	O	Kh	O	O	O	O	O	O	O	Kh	O	O	O	O	O	O	O	O	O	6-8
14	6-13	K	O	O	K	O	O	O	O	K	K	O	O	O	O	O	O	K	O	O	O	K		
10	6-14	O	O	O	Kh	O	O	O	O	O	O	O	O	O	Kh	O	O	O	O	O	O	O		
15	6-16	O	Kh	O	O	Kh	O	Kh	O	O	Kh	O	O	O	Kh	O	O	O	O	O	O	O	O	6-16
17	6-19	K	O	O	O	O	O	O	K	O	K	Kh	O	O	O	O	O	K	O	O	K			6-19
15	6-23	K	O	O	K	O	O	O	O	O	O	O	K	O	K	O	K	O	K	O	O			6-23
21	6-24	O	O	O	K	K	O	O	O	O	O	O	K	O	K	O	K	O	K	K	O	K		6-24
20	6-25	O	K	O	K	K	K	O	K	O	O	K	O	K	K	K	O	K	O	K	O			6-25
11	6-27	O	O	O	Kh	O	O	O	O	Kh	O	O	O	Kh	O	O	O	Kh	Kh	O	O	O		
13	6-28	O	O	O	O	O	K	O	O	K	O	O	K	O	O	K	O	O	K	O	K	K	O	6-28
8	6-30	O	O	O	O	O	O	O	O	O	Kh	O	O	O	O	O	Kh	O	Kh	O	O	O		
11	6-31	O	O	O	O	O	O	O	O	O	O	O	O	O	O	Kh	O	O	Kh	O	O	O		6-31
6	6-32	O	O	O	O	O	O	O	O	O	O	O	O	O	O	Kh	O	Kh	O	O	O	Kh	O	6-32
10	6-33	O	O	O	O	O	O	O	O	O	O	O	O	O	O	Kh	Kh	O	O	Kh	O	O	Kh	6-33
2	6-35	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O		
11	6-38	K	K	K	O	O	O	K	K	O	K	K	O	O	O	O	O	O	O	O	O	O		
19	6-43	K	O	O	O	K	O	O	K	K	K	O	O	K	O	O	O	K	O	O	O	K		

Stravinsky, Dance sacrale Part 3



Stravinsky, Danse sacrale -- all sets (54)

3 (3)	4 (12)	5 (22)	6 (17)
3-1 2	4-2 1	5-5 3	6-8 3
3-3 1	8-4 3	7-6 3	3 6-Z13/6-Z42 1 3
3-6 3	4-5 3	5-8 3	6-14 1
1 3-11/9-11 3	4-7 3	2 1 5-10/7-10 3	6-16 1 3
	4-12 1	5-11 3	3 2 1 6-Z19/6-Z44 3
	4-14 3	7-Z12 3	2 1 6-Z23/6-Z45 1
	8-Z15 3	7-13 3	6-Z24/6-Z46 2 3
	4-16 1	5-14 1	2 1 6-Z25 (Z47)
	4-17 3	7-16 1 2	6-27 1 2 3
	8-18 2 3	5-19 2	1 6-Z28/6-Z49 2 3
	4-21 3	5-20 1 2 3	3 2 1 6-30 3
	8-28 2	5-22 1	6-31 3
		5-23 2 3	6-32 2
		2 1 5-25/7-25 1 3	1 6-33 3
		3 5-27/7-27 2	[redacted] 6-35 3
		2 1 5-28/7-28 2	[redacted] 6-Z38 (Z6) 3
		5-29/7-29 2	3 2 1 6-Z43 (Z17)
		1 5-31/7-31 2 3	[redacted]
		3 2 5-32/7-32 1	
		7-34 1	
		7-35 2	
		1 5-Z38/7-Z38 2 3	

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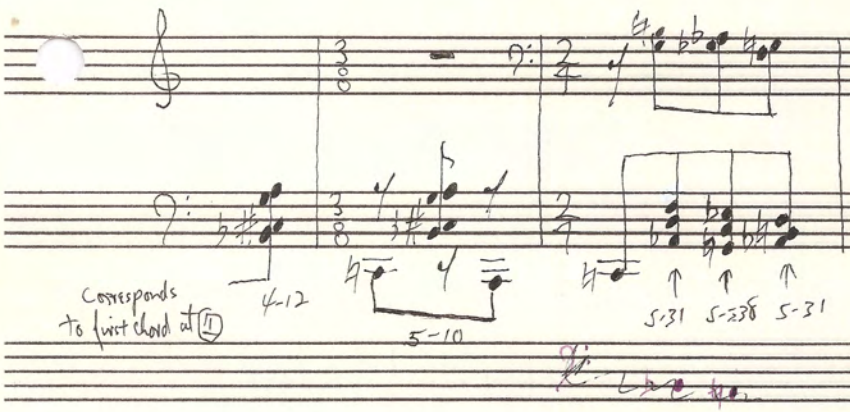
Stravinsky, Danse sacrale

(45)



Stravinsky, Danse sacrale

Complements within Part 2

5-28 {0, 2, 3, 6, 8}

7-28 {6, 8, 9, 10, 0, 2, 3} IT_7 of $\overline{5\text{-}28}$

5-28

Complements within Part 1 — none

Complements in Part 1 at 1 26 39 and Part 2

7-25 {3, 5, 6, 8, 9, 10, 0} 5-25 {8, 11, 1, 2, 4} IT_3 of $\overline{7\text{-}25}$

7-32 {9, 10, 0, 2, 3, 5, 6} 5-32 {11, 2, 4, 7, 8} IT_3 of $\overline{7\text{-}32}$

only invar. pc

to be checked 6-E23

6-E45

Complements in Part 1 at 40 and Part 2 — see sig. notation

not significant (?) | 5-31 7-31

5-Z38 7-E38

(6-E21 6-E49) — omit from discussion

DANSE SACRALE, PART 2

SETS IN ORDER OF OCCURRENCE

INVARIANT SUBSET

PART 1

8-18: {5,6,7,8,10,11,1,2}
{10,11,1,2,4,5,6,7} IT_0 {10,11,1,2,5,6,7} 7-22 (no sigma)

8-28: {1,2,4,5,7,8,10,11} one occurrence

5-10: {8,10,11,1,2} one occurrence {11,0,2,3,5} in part 1 (6 mm)

7-16: {1,2,4,5,6,7,10} one occurrence {0,1,2,3,5,6,9}

5-19: {7,9,0,2,3} one occurrence

5-20: {9,10,2,4,5} {10,11,3,5,6}

5-23: {2,4,5,7,9}
{0,2,3,5,7} t=10 (max invar. under T)

5-25: {8,11,1,2,4} 7-25: {2,5,6,8,9,10,0}

7-27: {2,4,6,7,9,10,11}

5-28: {0,2,3,6,8}

7-28: {6,8,9,10,0,2,3}

7-29: {2,4,5,7,9,10,11}

7-31: {10,0,1,3,4,6,7}
{4,6,7,9,10,0,1} at 20+1

5-32: {7,8,11,2,4} 7-32: {9,10,0,2,3,5,6}

7-35: {6,7,9,11,0,2,4}

7-38: {6,7,8,10,11,1,2}

6-Z19: {2,3,5,6,9,10} → {2,3,5,6,9,10} IT8 {2,3,5,6,10} minim. 5-Z17 (no sigma)
6-Z23: {6,8,9,11,0,2} → {10,11,2,3,5,6}
6-Z25: {2,4,5,7,9,10} t=10 (3 minim.)
{0,2,3,5,7,8} Z corresp. 6-Z45 in part 4: {6,8,9,10,0,3}

6-27: {11,2,4,5,7,8} fruit 2x and at 19+1 {7,10,0,1,3,4}
{8,11,1,2,4,5} at 19 t=8
{4,7,9,10,0,1}
{3,6,8,9,11,0}

6-30: {0,2,3,6,8,9}

6-32: {0,2,4,5,7,9}
{10,0,2,3,5,7} t=10

6-Z42: {2,4,5,8,9,10} at 15
6-Z46: {11,2,4,6,7,8} {6,8,9,0,1,2}
6-Z49: {3,4,6,7,10,0}

Danse sacrale, part 2

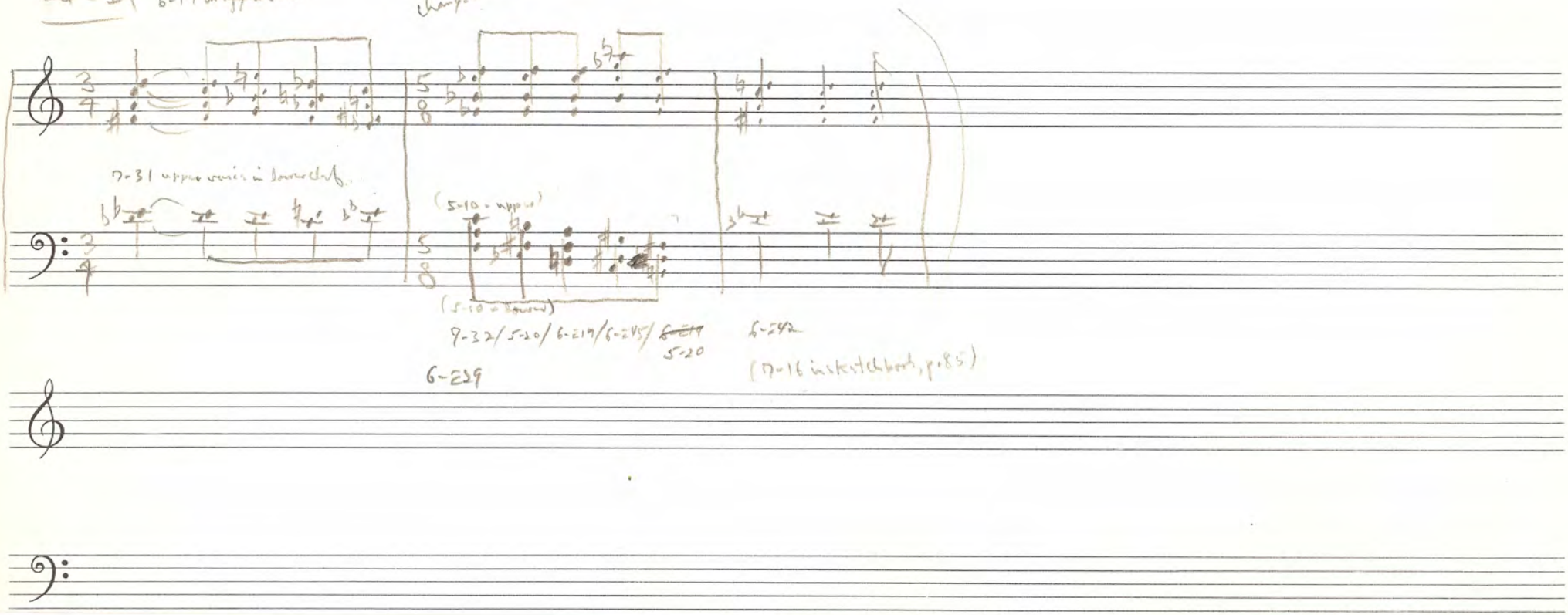
Similarity relations — some missing, some wrong

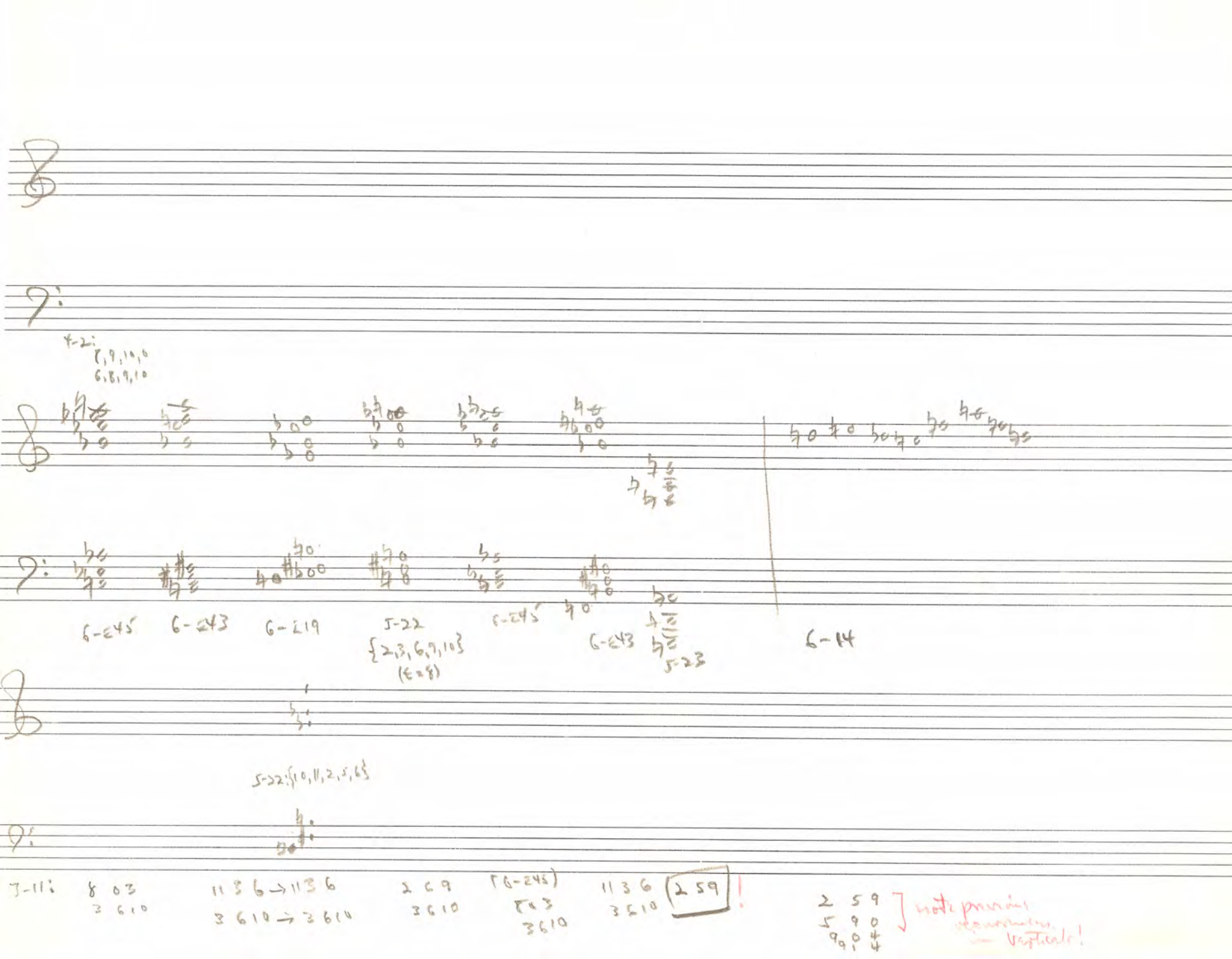
R_0 & R_p	R_1 & R_p	R_2 & R_p	R_0	R_1	R_2
not R_0 8-18,8-28					
NB.7-31 common					
		7-16,7-Z38			7-27,7-28
		7-27,7-29			
6-Z19,6-27 (successive)	6-Z23,6-30	6-Z23,6-27 (successive)	6-Z19,6-Z23		
6-Z19,6-Z49	6-Z23,6-Z49	6-Z25,6-Z46	6-Z19,6-30		
6-Z25,6-Z43 (successive)	6-30,6-Z49	6-27,6-30	6-32,6-Z43		
		6-27,6-Z49	6-32,6-Z49		
	5-10,5-25				
	5-25,5-32				

Patch 0

~~4-1~~ 6-14 in upper voice

4/145
changes stem direction




6-Z45
6-Z43
6-Z19
5-22
{2,3,6,9,10}
(E=8)
6-Z45
6-Z43
5-23
6-14
5-22:{10,11,2,5,6}
7-11:
8 0 3
3 6 10
11 3 6 → 11 3 6
3 6 10 → 3 6 10
2 5 9
3 6 10
[6-Z45]
[0 3
3 6 10
11 3 6
3 5 10
2 5 9
2 5 9
5 9 0
9 0 4
note pairings
Vertical!

Original version – piano duet

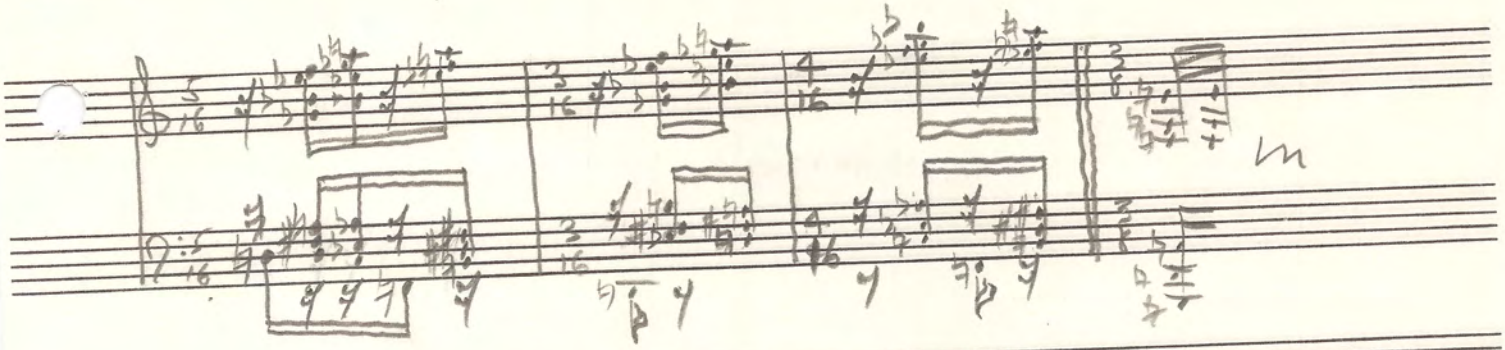
(-33 {3,5,6,8,10,0}

148

no Bb {3,5,6,9,11} 5-28

difference from 1942 version

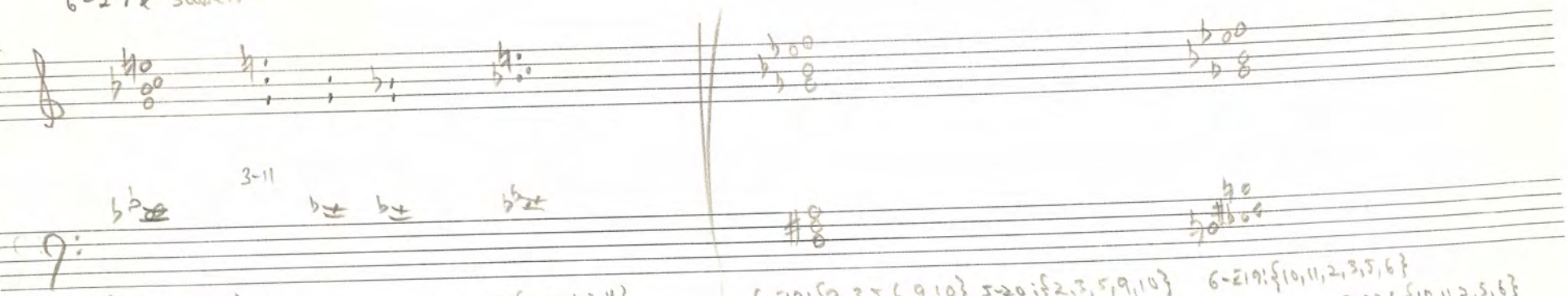
no Bb



both 5-28 and 6-33 occur in repetition of part I of #5 in 1943 version

Stravinsky, Danse sacrale, Part 1

6-27 & subsets



3-11

6-27: {10,0,1,3,4,7} 3-11:

5-10: {10,0,1,3,4}
Explicit 5-10: {5,3,2,0,11}

6-Z19: {2,3,5,6,9,10} 5-20: {2,3,5,9,10}
Explicit {3,5,6,10,11}

6-Z19: {10,11,2,3,5,6}
5-22: {10,11,2,5,6}
Explicit: {2,3,6,9,10}

6-27 as subset

9-16: {0,1,2,3,5,6,9} 6-27: {9,0,2,3,5,6} 7-25: {3,5,6,8,9,10,0} 6-27: {0,3,5,6,8,9} 9-32: {9,10,0,2,3,5,6}
6-27: {9,0,2,3,5,6}

R_0

6-Σ19, 6-Σ28 > also R_p

6-Σ19, 6-Σ27

~~5-10~~

~~7-16, 7-32 also R_p~~

R_1

6-Σ29, 6-Σ42 also R_p

6-Σ29, 6-Σ45 also R_p

6-Σ42, 6-Σ45 also R_p

~~5-10, 5-25 also R_p~~

7-16, 7-32 also R_p

7-25, 7-32 also R_p

R_2

6-27, 6-Σ28

6-27, 6-Σ29

6-27, 6-Σ42

6-27, 6-Σ45

all R_p

Stravinsky, Danse sacrale, part 2

Sets

3-1

8-18	7-16	6-Z19	5-10
8-28	7-27	6-Z23	5-19
	7-28	6-Z25	5-20
	7-29	6-27	5-23
	7-31	6-30	5-25
	7-35	6-32	5-28
	7-Z38	6-Z43	5-32
		6-Z46	
		6-Z49	

Complements in Part 1 at (1), (26), (37) 7-25 7-32

Complements in Part 1 at (45)

5-31 6-Z38 (6-Z49)

5-Z38

Stravinsky, Danse sacrale

Sets in Part I rehearsal nos. 1,26,39,45

3	4	5	6
3-3			
3-11	4-2	5-10	6-14
		7-16	6-Z19
		5-20	6-27
		5-23 7-25	
		7-32	6-Z42
			6-Z43
			6-Z45

~~new sets~~
at 45

		5-14	
	4-12	5-25	6-16
			6-Z23 (Z-correspond of 6-Z45)
	4-16	5-28	6-Z25
		5-31	6-Z28
		7-34	~~6-Z29~~
		5-Z38	6-30
			6-33

from previous 3-11

from previous 4-2

from previous statements 5-10, 7-16, 5-20, 7-32

from previous statements 6-14, 6-27, ~~6-Z29~~, 6-Z42, 6-Z43, 6-Z45

Stravinsky, Danse sacrale, Part 2 rehearsal no. 8 up to rehearsal no. 26

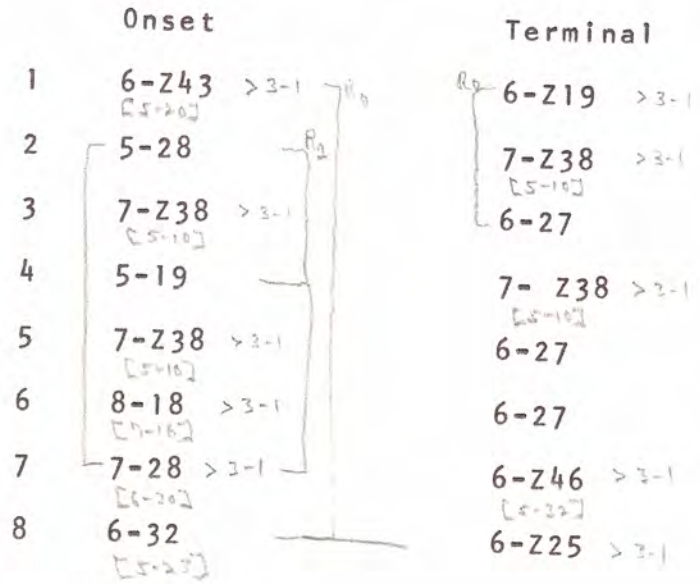
3	4	5	6
X 3-1	X 8-18	5-10	~~6-Z13~~
	X 8-28	7-16	6-Z19
		X 5-19	X 6-Z23 (45)
			X ~~6-Z24/46~~ 6-Z46 (28)
		5-20	X 6-Z25 (47)
		5-23	6-27
		5-25	
		X 7-27	X 6-30
		X 5-28/7-26	X 6-32
		X 7-29	6-Z43 (17)
		X 7-31	~~6-Z48~~
		5-32	X 6-Z49 (28)
		X 7-35	
		X 7-Z38	

Part 1

3-3	4-2	[5-10]	[6-Z19]
3-11		[5-16]	[6-27]
		[5-20]	
		5-22	6-Z29
		[5-23]	6-Z42
		— 7-25 —	[6-Z43]
		— 7-32 —	~~[6-Z45]~~ compl. in part 2 (6-Z23)

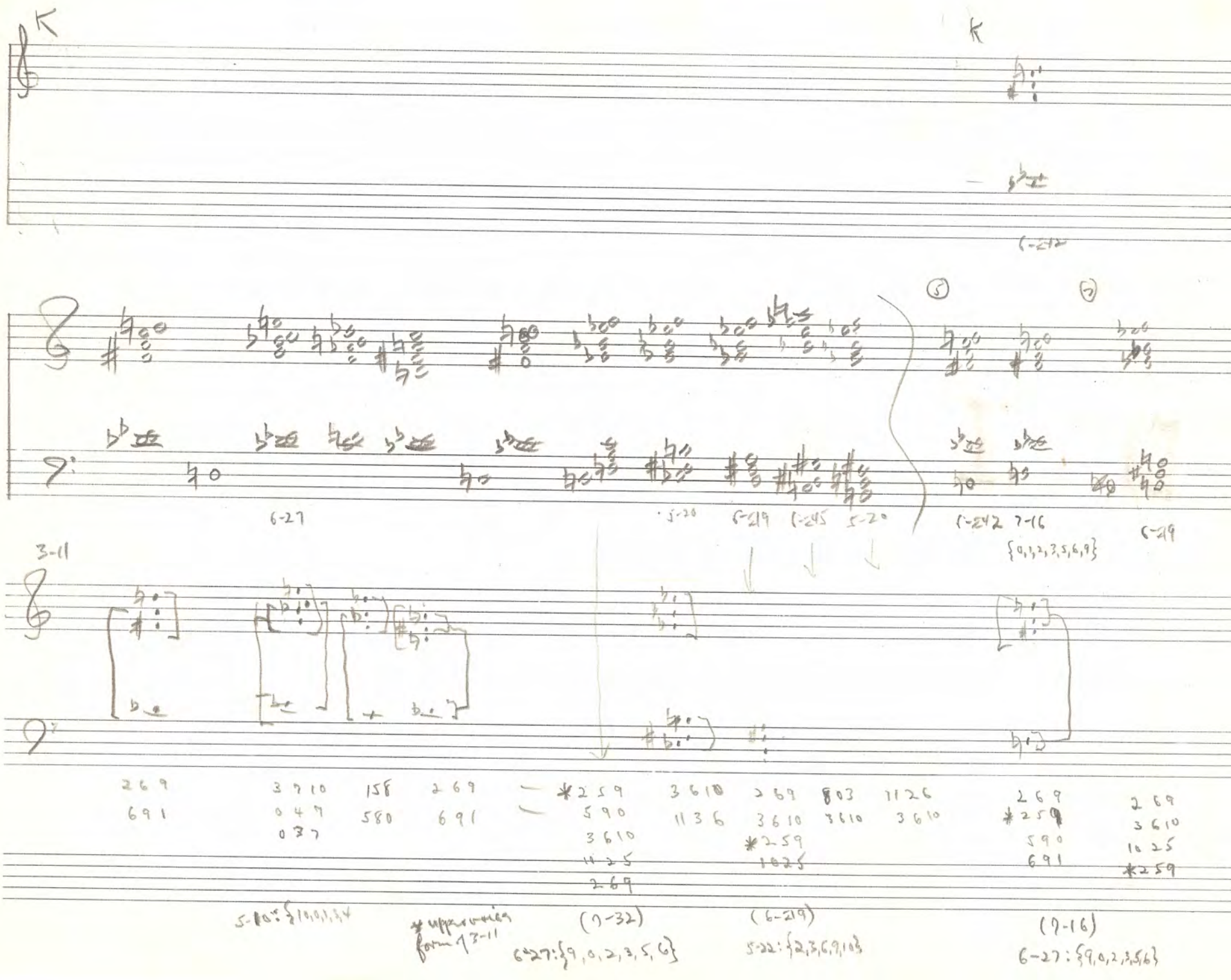
1.15-11

Ex. 1.56a



Set names in brackets indicate that the set is formed by the "accompaniment" alone, as distinct from the total set formed by the melodic onset or terminal note and the accompaniment.

To show set-complex relations



STRAVINSKY, DANSE SACRALE (1943 VERSION)

KH LISTS AND COUNTS

TOTAL NUMBER OF SETS IS 51

TOTAL NUMBER OF SETS OF CARDINALITY 3 IS 3

TOTAL NUMBER OF SETS OF CARDINALITY 4 IS 13

TOTAL NUMBER OF SETS OF CARDINALITY 5 IS 19

TOTAL NUMBER OF SETS OF CARDINALITY 6 IS 16

3-1
4.2,5,
5.5,6,7,11,14,Z38,
6.Z10,Z13,16,Z19,Z23,Z24,Z25,Z38,Z43,

3-6
4.2,21,22,
5.11,23,27,34,35,
6.Z10,16,Z23,Z24,Z25,Z28,31,32,33,Z43,

3-11/9-11
4.14,17,18,22,26,27,
5.5,11,16,19,20,21,23,25,27,28,31,32,34,35,Z38,
6.Z10,Z13,16,Z19,Z23,Z24,Z25,27,Z28,Z29,30,31,32,33,Z38,Z43,

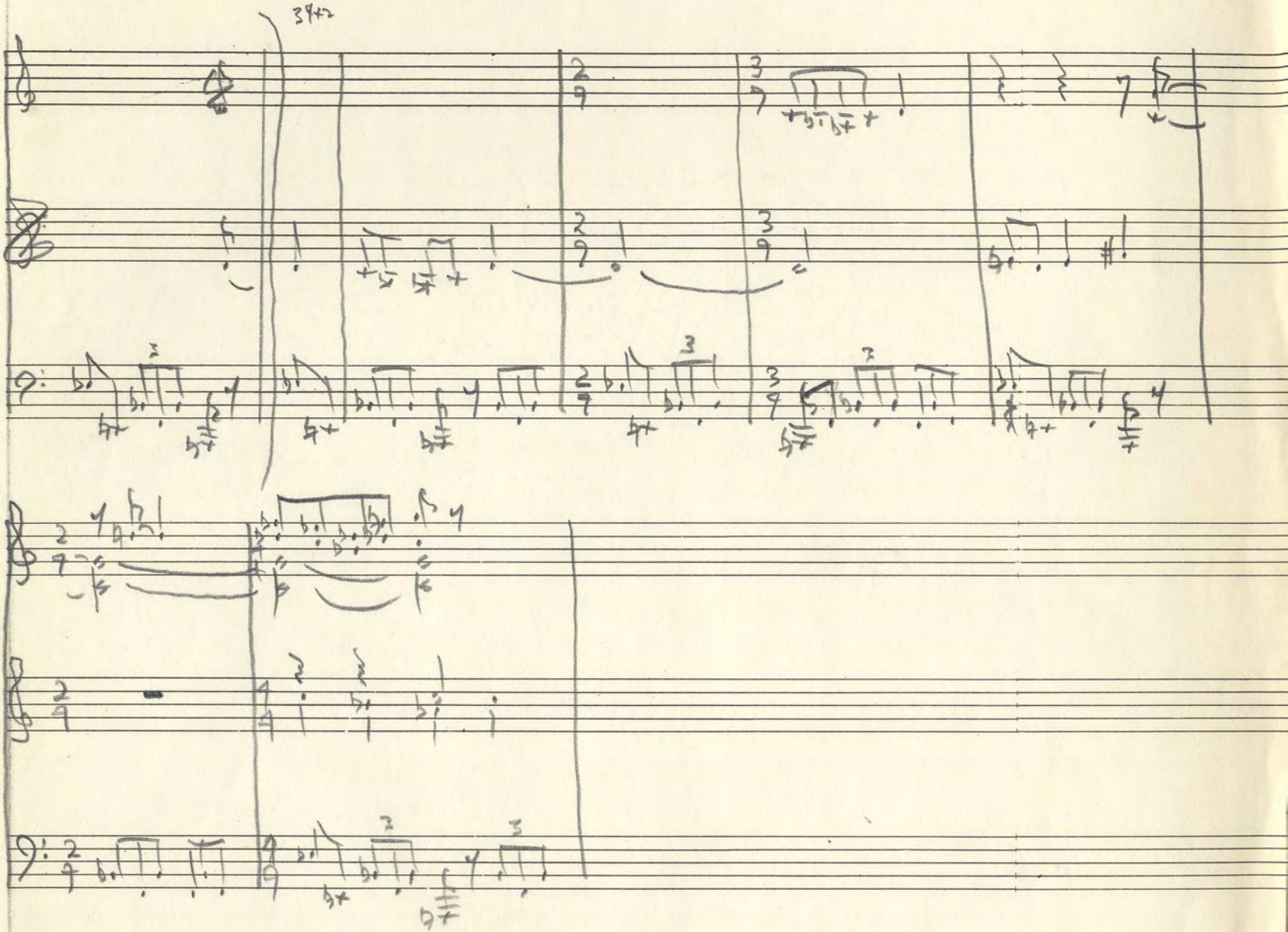
4-2
3.1,6,
5.11,
6.Z10,16,Z23,Z24,Z25,Z43,

4-5
3.1,
5.5,6,7,Z38,
6.Z10,Z13,16,Z19,Z24,Z38,Z43,

4-7
3.
5.6,21,
6.Z10,16,Z19,Z29,31,Z38,Z43,

4-12
3.
5.10,16,28,31,
6.Z10,Z13,Z19,Z23,Z24,27,Z28,Z29,30,31,Z43,

4-14
3.11,



```
5.5,11,20,23,27,
6.Z10,16,Z19,Z24,Z25,Z29,31,32,33,Z38,Z43,

4-16
3.
5.7,14,20,
6.Z10,16,Z19,Z24,Z25,Z29,31,33,Z38,Z43,

4-17
3.11,
5.11,16,21,32,
6.Z10,Z13,16,Z19,Z24,Z25,27,Z28,Z29,31,

8-18
3.11,
5.16,19,31,32,Z38,
6.Z10,Z13,Z19,Z23,Z24,Z25,27,Z28,Z29,30,31,Z43,

4-21
3.6,
5.34,
6.Z10,Z23,Z24,33,

8-22
3.6,11,
5.11,23,27,34,35,
6.Z10,16,Z23,Z24,Z25,31,32,33,Z43,

8-26
3.11,
5.25,27,32,35,
6.Z10,Z19,Z23,Z24,Z25,27,Z28,Z29,31,32,33,

8-27
3.11,
5.25,28,31,32,34,Z38,
6.Z10,Z13,Z19,Z23,Z24,Z25,27,Z28,Z29,30,31,33,Z43,

8-28
3.
5.31,
6.Z13,Z23,27,Z28,Z29,30,



5-5
3.1,11,
4.5,14,
6.Z38,

7-6
3.1,
4.5,7,
6.16,Z19,Z38,Z43,

5-7
3.1,
4.5,16,
6.Z38,Z43,
```

```
5-10
3.
4.12,
6.Z13,Z23,Z24,27,

5-11
3.1,6,11,
4.2,14,17,22,
6.Z10,16,Z24,Z25,

5-14
3.1,
4.16,
6.Z25,Z38,

7-16
3.11,
4.12,17,18,
6.Z10,Z13,Z19,27,Z28,

5-19
3.11,
4.18,
6.Z13,Z29,30,Z43,

5-20
3.11,
4.14,16,
6.16,Z19,Z25,Z38,Z43,

5-21
3.11,
4.7,17,
6.16,Z19,31,

5-23
3.6,11,
4.14,22,
6.Z24,Z25,32,33,

5-25/7-25
3.11,
4.26,27,
6.Z10,Z23,Z25,27,Z29,33,

5-27/7-27
3.6,11,
4.14,22,26,
6.Z24,Z25,31,32,

5-28/7-28
3.11,
4.12,27,
6.Z23,Z28,30,Z43,

5-31/7-31
3.11,
4.12,18,27,28,
6.Z13,Z23,27,Z28,Z29,30,
```

```
5-32/7-32
3.11,
4.17,18,26,27,
6.Z19,Z24,Z25,27,Z28,Z29,31,

7-34
3.6,11,
4.21,22,27,
6.Z23,Z24,33,

7-35
3.6,11,
4.22,26,
6.Z25,32,33,

5-Z38/7-Z38
3.1,11,
4.5,18,27,
6.Z13,Z19,Z24,Z43,



6-Z10
3.1,6,11,
4.2,5,7,12,14,16,17,18,21,22,26,27,
5.11,16,25,

6-Z13/6-Z42
3.1,11,
4.5,12,17,18,27,28,
5.10,16,19,31,Z38,

6-16
3.1,6,11,
4.2,5,7,14,16,17,22,
5.6,11,20,21,

6-Z19/6-Z44
3.1,11,
4.5,7,12,14,16,17,18,26,27,
5.6,16,20,21,32,Z38,

6-Z23/6-Z45
3.1,6,11,
4.2,12,18,21,22,26,27,28,
5.10,25,28,31,34,

6-Z24/6-Z46
3.1,6,11,
4.2,5,12,14,16,17,18,21,22,26,27,
5.10,11,23,27,32,34,Z38,

6-Z25
3.1,6,11,
4.2,14,16,17,18,22,26,27,
5.11,14,20,23,25,27,32,35,

6-27
3.11,
```

4.12,17,18,26,27,28,
5.10,16,25,31,32,

6-Z28/6-Z49
3.6,11,
4.12,17,18,26,27,28,
5.16,28,31,32,

6-Z29
3.11,
4.7,12,14,16,17,18,26,27,28,
5.19,25,31,32,

6-30
3.11,
4.12,18,27,28,
5.19,28,31,

6-31
3.6,11,
4.7,12,14,16,17,18,22,26,27,
5.21,27,32,

6-32
3.6,11,
4.14,22,26,
5.23,27,35,

6-33
3.6,11,
4.14,16,21,22,26,27,
5.23,25,34,35,

6-Z38
3.1,11,
4.5,7,14,16,
5.5,6,7,14,20,

6-Z43
3.1,6,11,
4.2,5,7,12,14,16,18,22,27,
5.6,7,19,20,28,Z38,

SIZE 4
5-14

SIZE 5
5-5
5-7
5-10

SIZE 6
4-21
5-19
5-21

SIZE 7
4-28
5-6
5-28

5-35

SIZE 8
5-20
5-23
5-34
6-30
6-32

SIZE 9
4-2
4-7
5-16
5-25
5-27
5-Z38/7-238

SIZE 11
5-11
5-31
6-Z38

SIZE 12
4-5
5-32
6-27
6-Z28/6-Z49
6-33

SIZE 13
4-16
6-Z13/6-Z42

SIZE 14
6-16
6-Z29
6-31

SIZE 15
4-12
4-17

SIZE 16
4-22
4-26
6-Z23/6-Z45

SIZE 17
3-1
4-14
6-Z19/6-Z44

SIZE 18
3-6
4-18
6-Z10
6-Z43

SIZE 19
6-Z25

SIZE 20
4-27

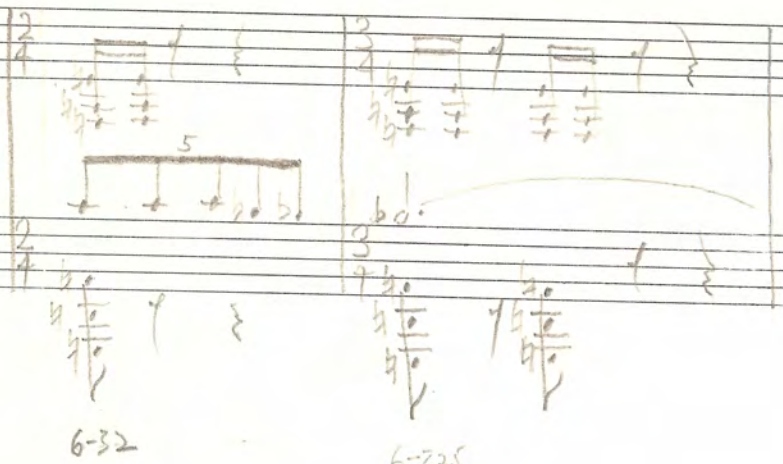
SIZE 21
6-Z24/6-246

SIZE 37
3-11

Stravinsky, Dance Sacrale

15+4

Patch 1



6-32

6-Z25

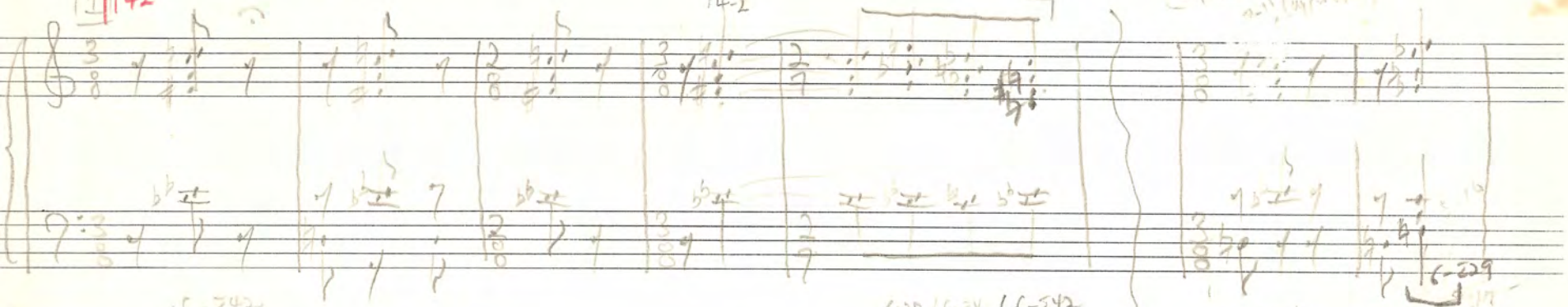
22 +4

Stravinsky, Le Sacre du Printemps
Danse Sacrale, 1943 version for smaller orch.

3|144

1|142

4-2



6-Z42
{0,1,2,3,6,9}

6-27 / 6-Z42 / 6-Z42

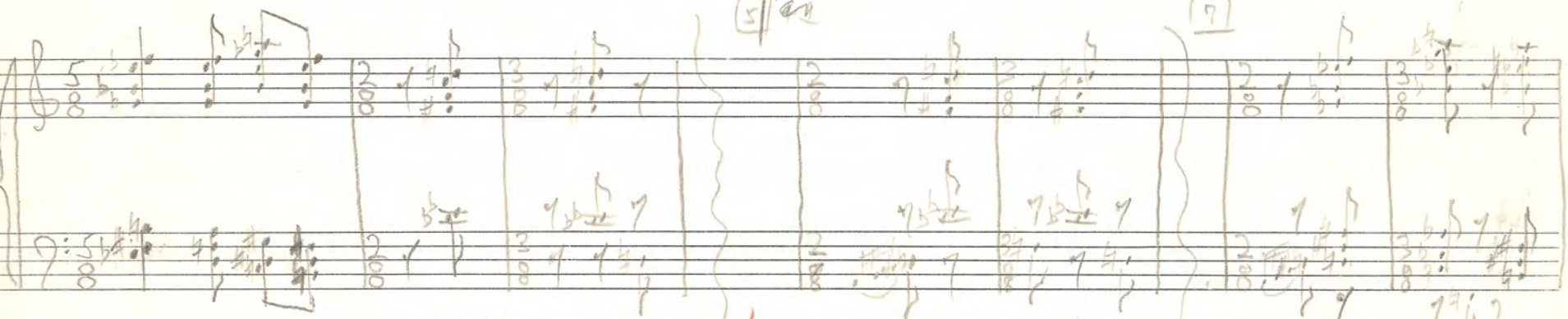
(6-Z42)

6-Z29

7-32
(Sacre chord)

5|146

7



5-20 6-Z19/6-Z45/5-20

15

R_0

6-Z42

6-Z42

7-16 / 6-Z42

(20)

R_1 (7-16, 7-32)

6-Z19 6-Z45 6-Z43

R_0

R_1

~~patch to show 6-14 in upper voice at~~

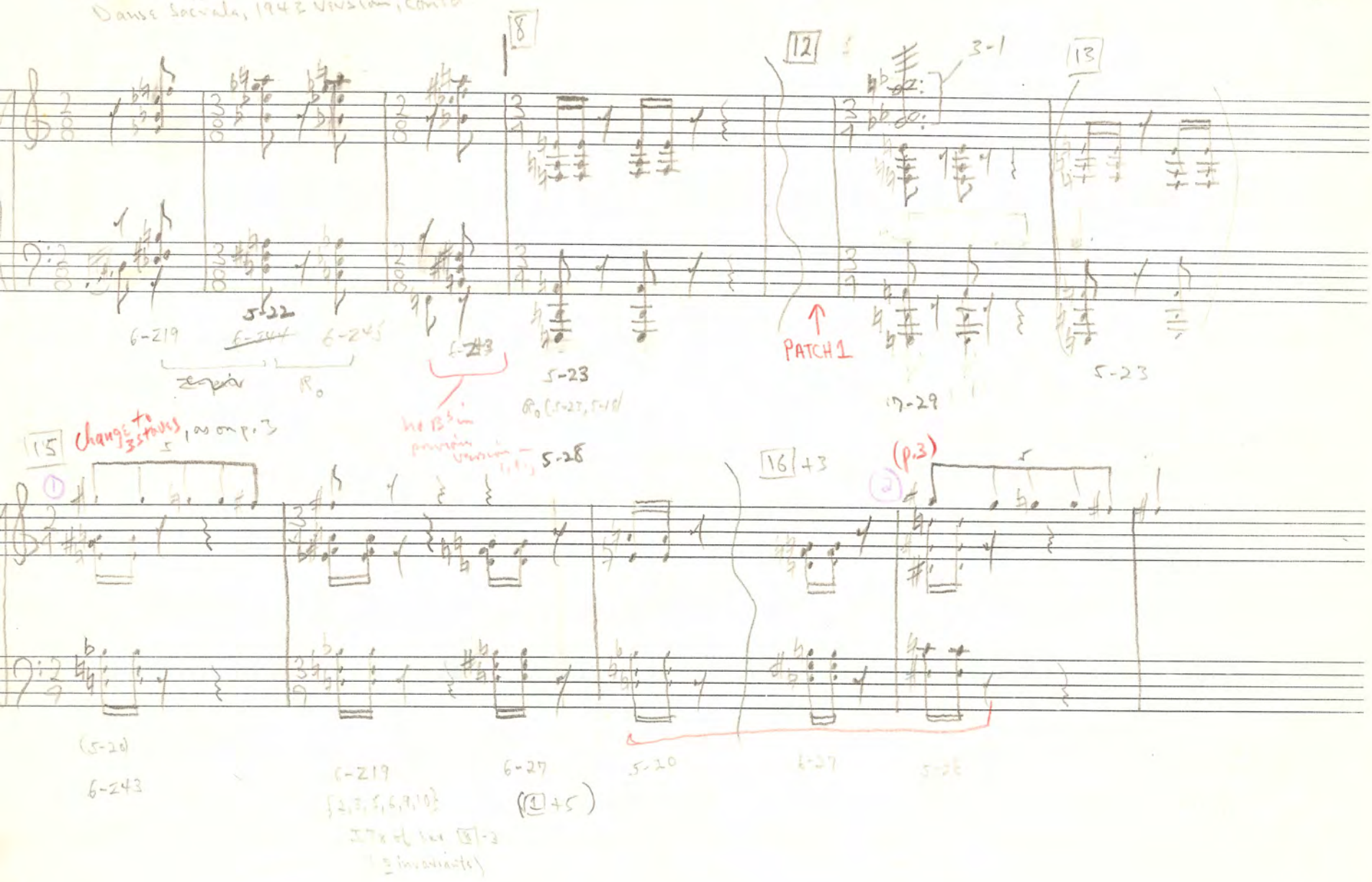
4 - 1

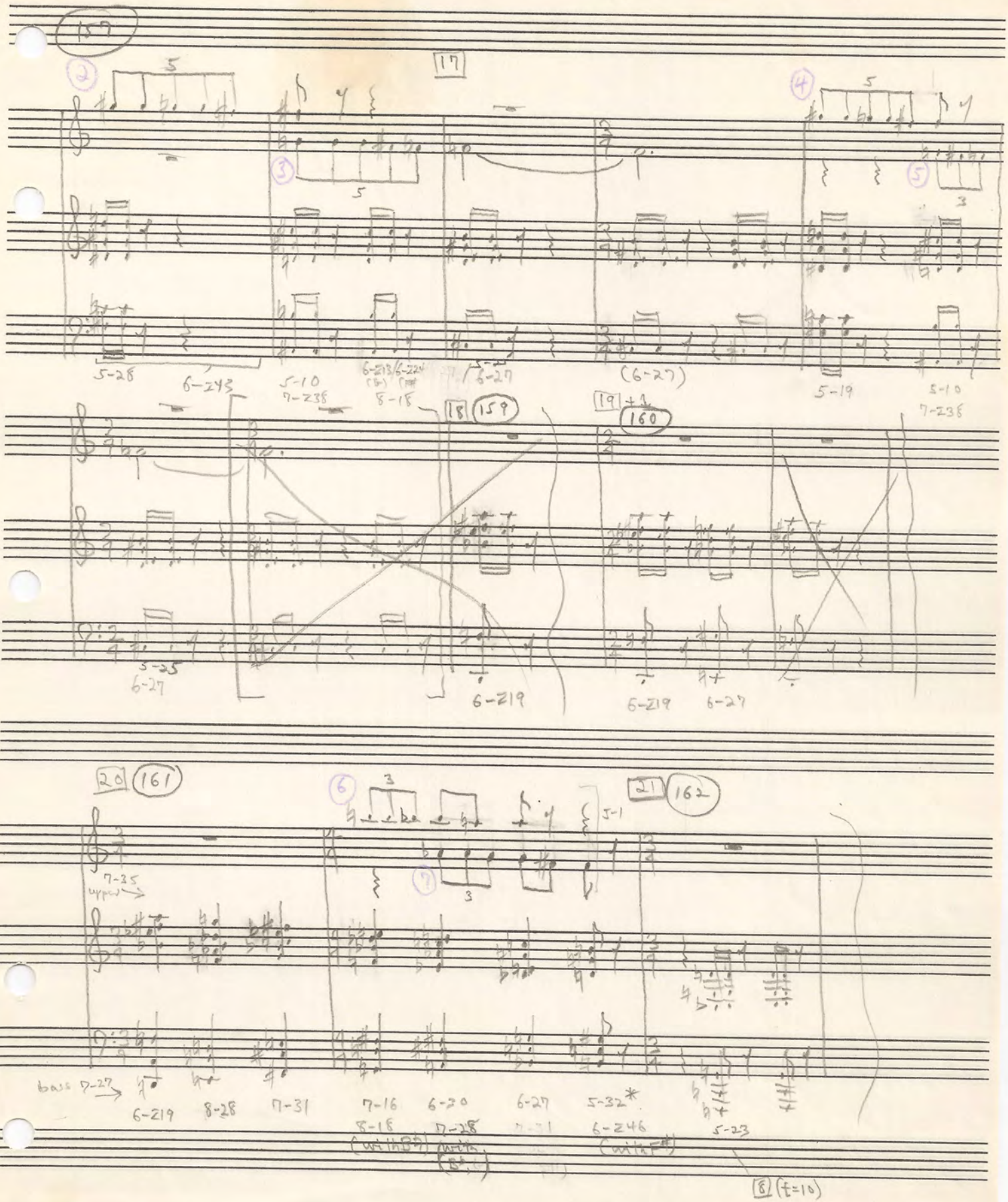
R_2 (6-14, ~~6-Z19/44~~)

R_0 (~~6-14~~, 6-Z45/23)

only ic6 in same no.
(i.e. almost R_0)

Stravinsky, Le Sacre
Danse Sacrale, 1943 version, cont'd




157
17
5-28
6-Z43
5-10
7-Z38
6-Z13/6-Z24
8-18
6-27
(6-27)
5-19
5-10
7-Z38
18
159
19
160
5-25
6-27
6-Z19
6-Z19
6-27
20
161
7-25
upper
bass 7-27
6-Z19
8-28
7-31
7-16
8-18
(with B♭)
6-20
7-28
(with B♭)
6-27
7-31
5-32*
6-Z46
(with F♯)
5-23
21
162
8
(t=10)