

Livre d'orgue II Pièce en trio

Messiaen's own

I. Background: Messiaen's discussion in TROC

TROC Tome III p. 181 ff.

Philosophical ruminations

Description of rhythmic patterns (Hindu) employed

Biblical motto: "Maintenant, nous voyons dans un miroir, d'une manière obscure . . ." (St. Paul, 1ère Épître aux Corinthiens, XIII, 12) (pour le dimanche de la Sainte Trinité] N.B. This certainly relates to the serial configurations in this piece.

181: "Mais je n'ai pu réaliser mon intention d'exprimer les ténèbres, et suis seulement arrivé à écrire une courte et assez quelconque pièce dodécaphonique: rien de noir, rien de confus, aucun mystère . . ." [elipses in original]

p. 181: But I was unable to realize my intention of expressing darkness,

[the idea of darkness expressed in the biblical text] and only succeeded in writing a short and quite ordinary dodecaphonic piece: nothing of darkness, nothing of confusion, no mystery whatsoever. Comment: This is a misleading description of this piece, which is by no means an ordinary dodecaphonic work.

This is a very modest statement, by M.'s standards. In fact, it is misleading. The piece is only "dodecaphonic" at the very beginning, when the complementary hexachords of set-class 6-5 are presented (the hex of Mode de valeurs). Thereafter, the piece is 'unordered' hexachordal in its organization, and reminiscent of late Schoenberg in that respect.

t. Question of combinatoriality and other means of associating hexachords to be addressed.

Sherlaw Johnson:

The second piece pairs off with the fifth, in the symmetrical arrangement of the seven pieces. But II is more closely associated with VI--see discussion of bar 10 of II as it relates to the beginning of VI.

Analytical

The row hex is 6-5 (again, as in Mode de valeurs)

Hex 6-5 is inversion-combinatorial for one value of t.

In the case of Messiaen's row for "Pièce en trio" the value of t is 5. I.e., column beginning with 9.

Messiaen, Livre d'orgue, Pièce en trio

11

... a orgue II - Pieces en trio

6-210: [2,5,6,7,9,10] from I

? 8^h m^g - 10 m^g !

6-5 mosaic
6-211/34 from I (pair w/A)

6-5 [6-210] 8 11 0 7

6-32 12-note (6-32) 7 10 1 3 8 5 0 4 2 9 6 7 11 11

4 5 10 10 9 6 9 3 9 6 (6-5)

10 8 8 2 2 2 9 11 11 3 3 (6-5 (P₂))

(6-5: [9,10,11,2,4]) P₁₀

2

6-5 [7,8,9,10,3,4] 4 5 0 7 8

6-5: [5,6,7,8,11,2] 8 8 5 5 11 6 6 0 7 0 6 1 2 2

6-5: [5,6,9,10,11,0]? 9 9 1 8 11 6

? 6-5: [2,7,4,5,8,9] inc 7 9 3 3 3 10 0 4 4 4 5 2

5

6-5: [1,2,3,4,7,8] 9 0 1 3 3 2 4 8

6-250 P₁₀ [6 6 3 10 7 1] 5 0 11 9

6

6-5: [11,0,1,2,5,6] 2 7 3 5 4 4 3 8

6-1: [3,4,5,6,7,8] 9 6 7 7 4 1 0 0 0 11 0 5 2 9 9 6 11 10 1 9 8 8

8

10 4 5 11 9 9 9 8 8 8

? 6-5: [9,8,9,10,1,2] 1 7 2 3 9 10 8 9 7 6 4 0 8 11

6-5: [10,11,0,1,2,5] 6 5 11 10 7 0 5 11 1 1 1 2 9 0 3 4

6-5: [6,7,8,9,10] 2 2 2 7 8 6 10 11 3 4

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

P₅

FINAL DRAFT

1 simharikrama

8 11 0 7 7 [10] 1 (3) 8 5 (0) (4) 2 (9) 6 7 (11)

6-249
[1,2,4,5,6,10]

[1 2 4 5 5
10 . . 10 9 6 9 3 9 6

6-5 / new / new as Int-sym
9,10,11,6,3,4 / 11,2,5,6,7,8
9,11,11,2,3,4 / 5,6,7,8,11,6

Possible allow me note that interrupt

VI-II-1

6-5: [9,10,11,2,3,4] as in 6-32

6-210: [0,1,3,4,5,7]

2 gajalila

4 5 0 7 8 8 8 5 . . 5 9 . . 9

6-5: [9,10,11,2,3,4] as in 6-32
6-249
Pcd. 4
[3,4,6,7,10,10]

6-5: [7,8,9,10,11,2]
6-5: [3,4,5,6,9,10]
6-5: [3,4,7,8,9,10]
3 sama
6-5: [5,6,7,8,11,10]
6-224: [5,6,8,9,11,11]

6-5: [8,9,10,11,2,3]

[1 1 2 9 10 3 . 3 4 5 11 6 . . 6 0
3 10 4 7 . . 7 0 6 1 2 . 2

6-5: [11,0,12,5,6]

4 mallatala

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

6-224

10 0 4 4 10 6 7 6 . . 6 3 10 7 1

6-5: [10,11,0,1,6,7]

6-5: [0,1,4,5,6,7]
6-5: [2,7,10,7,4,7,8], 6-238!

5 vasanta

6-5: [0,1,2,3,6,7]
6-5: [1,2,5,4,7,8]

6-5: [5,6,9,11,11,0]

6-5: [0,1,2,3,6,7]

6 pratapacekhara

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

6-5: [0,11,2,3,6,7]

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

6-5: [5,6,7,8,11,10] as in 6-32

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

0 0 11 0 5 2 9 9

6 11 10 1 9 8 8

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

6-5: [7,8,9,10,11,2]

9 micra varna

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

6-5: [2,3,6,7,8,9]

6-5: [10,11,0,1,4,5]

6-5: [0,1,2,3,6,7]

6-5: [2,3,6,7,8,9]

9 9 7 6 4 0 1 2 9 3

8 8 11 11 1 9 0 3 4]

6-5: [8,9,0,1,2,3]

6-210: [9,11,0,1,3,4]

6-5: [9,10,1,2,3,4]

6-1
from II

VI-II

Comparison of II and VI (letter from Shafiq Johnson 07/06/00)

⑩ vijaya

Row 1 (Series 1)

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

10-note Series (Series 2)
12-note aggregate w/ pcs 2, 4

1	7	3	8	10	10	5	9	9
6								
2								

6-247
6-215

⑪ Sama

Row 2 (Series 3)

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

6-247: [6, 8, 11, 12, 3]
6-215: [4, 5, 7, 9, 10, 9]

first hex

second hex

⑫ manthika

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

Series 4
(12-note aggregate)
partially ordered

⑬ dhenki

1	1
2	2
0	6
	0

Complete aggregate

⑭ Caturmatika

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

OCCURRENCES OF 6-5

6-5

- | | | |
|---|---|---|
| <p>Hex2</p> <p>int-sym</p> <p>Int-sym</p> | <p>✓ 0,1,2,3,6,7 (2)</p> <p>✓ 1,2,3,4,7,8 (1)</p> <p>✓ 2,3,4,5,8,9</p> <p>✓ 3,4,5,6,9,10 (2)</p> <p>✓ 4,5,6,7,10,11 (1)</p> <p>✓ 5,6,7,8,11,0 (1)</p> <p>✓ 6,7,8,9,0,1 (1)</p> <p>✓ 7,8,9,10,1,2 (1)</p> <p>✓ 8,9,10,11,2,3 (1)</p> <p>✓ 9,10,11,0,3,4 (1)</p> <p>✓ 10,11,0,1,4,5 (1)</p> <p>✓ 11,0,1,2,5,6 (1)</p> | <p>✓ 0,1,4,5,6,7 (1)</p> <p>✓ 1,2,5,6,7,8 (1) int-sym</p> <p>✓ 2,3,6,7,8,9 (1)</p> <p>✓ 3,4,7,8,9,10 (2)</p> <p>✓ 4,5,8,9,10,11 (1)</p> <p>5,6,9,10,11,0</p> <p>6,7,10,11,0,1</p> <p>7,8,11,0,1,2 (1) Hex 1</p> <p>8,9,0,1,2,3</p> <p>9,10,1,2,3,4 (1) int-sym</p> <p>10,11,2,3,4,5</p> <p>11,0,3,4,5,6 (1)</p> |
|---|---|---|

6-26

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

6-238

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

6-7

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

6-8

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

6-9

- | | |
|--|--|
| <ul style="list-style-type: none"> 0,1,2,3,5,7 1,2,3,4,6,8 2,3,4,5,7,9 3,4,5,6,8,10 4,5,6,7,9,11 5,6,7,8,10,0 6,7,8,9,11,1 7,8,9,10,0,2 8,9,10,11,1,3 9,10,11,0,2,4 10,11,0,1,3,5 11,0,1,2,4,6 | <ul style="list-style-type: none"> 0,2,4,5,6,7 1,3,5,6,7,8 2,4,6,7,8,9 3,5,7,8,9,10 4,6,8,9,10,11 5,7,9,10,11,0 6,8,10,11,0,1 7,9,11,0,1,2 8,10,0,1,2,3 9,11,1,2,3,4 10,0,2,3,4,5 11,1,3,4,5,6 |
|--|--|

6-5

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

6-210

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

6-239

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

6-225

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

6-228

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

6-247

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

6-249

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

6-30

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

6-213

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

6-242

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

vijaya	#51	
sama	#53	first repetition (only ms)
manthika	#55	
dhenki	#58	
caturmukha	#78	
ragavardhana	#93	
simha	#101	
candrakala	#105	
bhagna	#116	

N.B. a with circumflex missing.


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

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Ab B C G C# D Bb E F A F# Eb
F Ab A E Bb B G C# D F# Eb C
E G Ab Eb A Bb F# C C# F D B
A C C# Ab D Eb B F F# Bb G E
Eb F# G D Ab A F B C E C# Bb
D F F# C# G Ab E Bb B Eb C A
F# A Bb F B C Ab D Eb G E C#
C Eb E B F F# D Ab A C# Bb G
B D Eb Bb E F C# G Ab C A F#
G Bb B F# C C# A Eb E Ab F D
Bb C# D A Eb E C F# G B Ab F
C# E F C F# G Eb A Bb D B Ab

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Reorderings of the hexachords

Case 1: 6-5 from bb (second note of eighth triplet in bar 1)
 In terms of the hypothetical row matrix (q.v.), this is the second hex of P1. Accordingly, its correct (referential) ordering compared to its actual ordering in the music is: Ordered:

```

          3 9 10 2 11 8
Actual:   10 8 9 2 11 3

```

Cyclic rep. (0512)(3)(4)

The two single-cells in the cyclic notation represent pcs 2 and 11, which occupy the same positions in the referential form. N.B. This is quite abstract, since pcs 2 and 11 correspond to pcs 9 and 6 in the original (prime) form of the row. However, pcs 2 and 11 occupy special positions in the first hex of the prime form, as peak notes in the rhythmically distinct configurations.

Case 2: 6-5 from pc 1 at end of bar 1 compared with the referential row form:

```

Ordered:           10 1 2 9 3 4
Actual:           1 3 10 2 9 4
Cyclic rep. (02341)(5)

```

Here only one pc is held fixed with respect to position (order),
pc4. Rhythms:

simhavikrama	#8	
gajalila		#18
sama		#53
mallatala		#64
vasanta	#73	
pratapaçekhara	#75	
gajajhampa	#77	
lakskmîça		#88
micra varna	#26	
vijaya	#51	
sama	#53	first repetition
manthika	#55	
dhenki	#58	
caturmukha	#78	
ragavardhana	#93	
simha	#101	
candrakala	#105	
bhagna	#116	

18 in all, but 17 different patterns
N.B. a with circumflex missing.

Row structure

Example ii-2

Adjacent hexachords of class 6-5 partition the row of Livre d'orgue II, as indicated earlier in connection with the row table. Pedal Bb announces the onset of the second hexachord, which then terminates in an odd way as the final note of the row, Eb, is decorated by the repeated A in small notation. The high Bb (bb2) then begins a second 12-note row---and here is where the obscurity explicitly ruled out by Messiaen makes its appearance, for the hexachordal constituents of the row are not 6-5/6-5 but 6-32/6-32: diatonic hexachords implying a Db followed by a G scale. Beneath this extraordinary unfolding 12-note row is the hexachord 6-5, also beginning on Bb, but bb just below middle C. The three notes in the lower manual join three pedal notes A-B-Eb to complete the 6-5 hexachord, while the final note in the bar, db1, ties over to the next bar to become the headnote of yet another form of 6-5.

This 3-part counterpoint is shown in Example ii-2, where the notation is simplified by retaining all the note shapes on the staff.

Lower manual is 6-z49 (pedal hex of VII)

Pedal is in service of manuals until beginning of bar 2

(gajalila) where it also projects 6-z49. Here we have striking

instances of thematic material drawn from other movements of the Livre d'orgue. 6-Z10, from III and especially from V, where it is the second hexachord of the 12-note row, is also present in this opening music.

What this suggests in a programmatic way becomes clear--Messiaen actually did succeed in creating "darkness," at least in terms of thematic density.

Note: 6-32 is one of the 6 all-combinatorial hexachords. Is M. Interested in this property?

Note: In a number of respects 6-5/6-5 is the master 12-note row of Livre d'orgue.

Note: A 12-note row contains 924 six-note subsets. _____

6 Rows in VI

MAN. 10-11

vijaya

block 1 #1 R.H.

block 2 #2 R.H.

block 3 sama

PÉD.

MAN. 12-14

manthikā - second series

dhenki

caturmukha

PÉD.

MAN. 15-16

rāgavardhana

simha

PÉD.

MAN. 17-18

candrakalā

bhagna

See latter to him

PÉD.

last aggregate

II. PIÈCE EN TRIO

"Maintenant, nous voyons dans un miroir, d'une manière obscure..." (St Paul, 1^{ère} Épître aux Corinthiens, XIII, 12)
 (1951 - Paris) (pour le dimanche de la Sainte Trinité)

R: cymbale 3 rangs | Pos: quintaton 16, cor de nuit 8, nazard 2 2/3 | G: bourdon 16, flûte 4 |

Péd: soubasse 16, contrebasse 16, tirasse R |

(rythmes hindous variés, monnayés, et traités en valeurs irrationnelles)

Modéré
 3 (pour 2)

simhavikrama #8

MAN. *mf legato*

PÉD. *mf legato*

gajalila #18

2-4

sama #53

mallatâla #64

MAN. *mf legato*

PÉD. *mf legato*

vasanta #73

5-7

pratâpaçekhara #75

gajajhampa #77

MAN. *mf legato*

PÉD. *mf legato*

laksmiçâ #88

miçra varna #26

8-9

MAN. *mf legato*

PÉD. *mf legato*

sama #53 (low 3)

vijaya #51

MAN.

10-11

PÉD.

Detailed description: This system contains the first system of music, labeled 'vijaya #51'. It features three staves: a vocal line (MAN.), a piano right-hand line (MAN.), and a piano left-hand line (PÉD.). The vocal line begins with a melodic phrase marked with a '1' and a '5' above it. The piano accompaniment includes various rhythmic patterns and fingerings, such as '5 (pour 4)' and '3 (pour 2)'. The piece concludes with a '3' marking and '(pour 2)' in the bass line.

manthikā

dhenkī

caturmukha

MAN.

12-14

PÉD.

Detailed description: This system contains the second system of music, featuring three pieces: 'manthikā', 'dhenkī', and 'caturmukha'. The vocal line (MAN.) shows melodic development with notes marked with '3' and '5'. The piano accompaniment (MAN. and PÉD.) includes complex rhythmic figures and fingerings, such as '3 (pour 2)' and '3 (pour 2)'. The system ends with a '3 (pour 2)' marking in the bass line.

rāgavardhana

simha

MAN.

15-16

PÉD.

Detailed description: This system contains the third system of music, featuring 'rāgavardhana' and 'simha'. The vocal line (MAN.) continues with melodic phrases, some marked with '3' and '5'. The piano accompaniment (MAN. and PÉD.) features intricate rhythmic patterns and fingerings, including '3' and '5' markings. The system concludes with a '3' marking in the bass line.

candrakalā

bhagna

MAN.

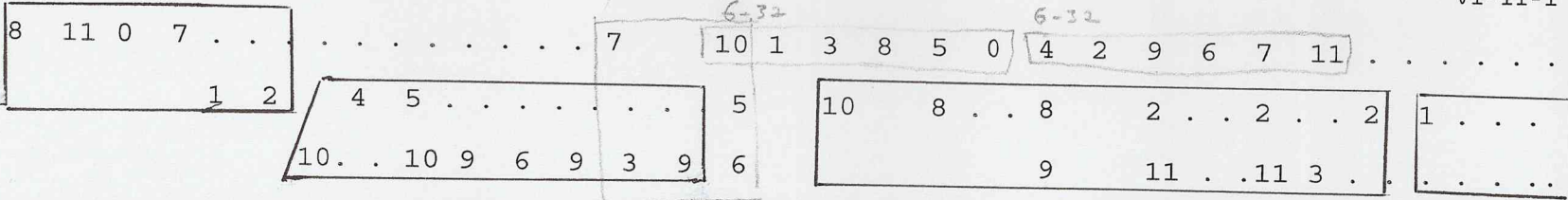
17-18

PÉD.

Detailed description: This system contains the fourth system of music, featuring 'candrakalā' and 'bhagna'. The vocal line (MAN.) shows melodic phrases with '3' and '5' markings. The piano accompaniment (MAN. and PÉD.) includes complex rhythmic patterns and fingerings, such as '5 (pour 4)' and '3 (pour 2)'. The system ends with a '3' marking in the bass line.

1 simharikrama

VI-II-1

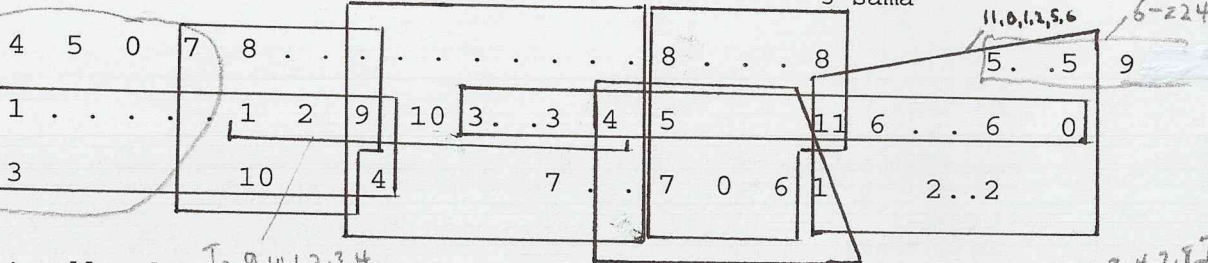


2 gajalila

3 sama

6-210
013457

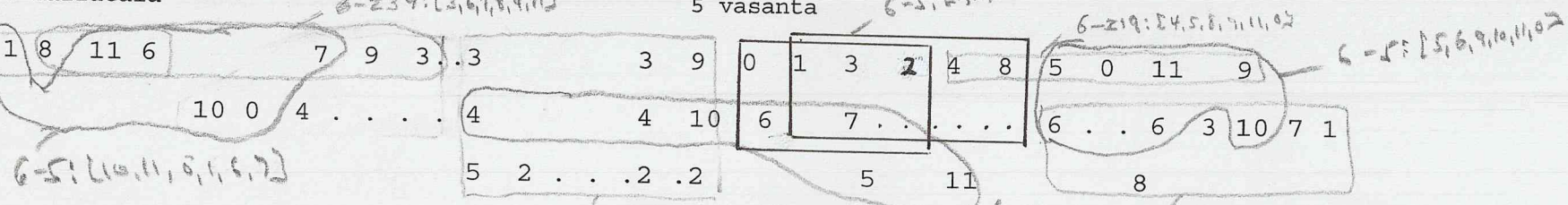
Paad
6-249:
[3, 4, 6, 7, 10, 11]



4 mallatala

5 vasanta

6-224
[5, 6, 8, 9, 11, 12]

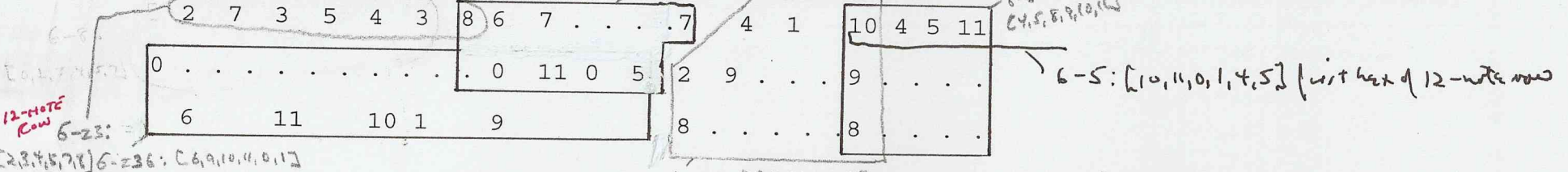


6 pratapacekhara

7 gajahampa

8 lakskmica

12-note row



9 micra varna

