

Search for Melodic Minor “Tonics”

V-2, Top 4 Strings (Later add: V-1, V-3, doubled notes)

Observation: 20 possible voicings for each soprano if V-2 (no doubles) only.

Ted Greene, 1989-05-25

(20 x 7 = 140)

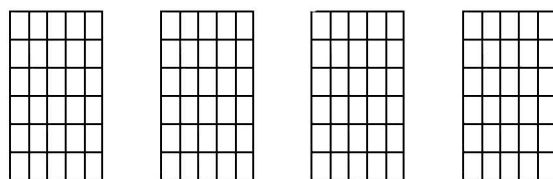
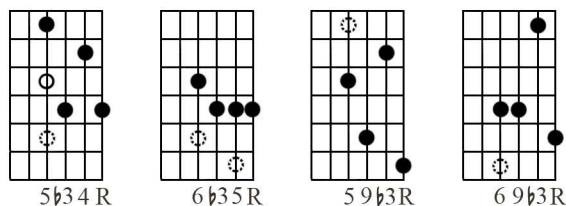
Ted, Please try adjacent string tone reversals too.

Root on Top

4	8	8	8	8	8	8	8	8	8
2	b3	b3	b3	b3	4	4	4	5	5
1	2	2	2	2	b3	b3	b3	b3	b3
3	4	5	6	7	5	6	7	6	7

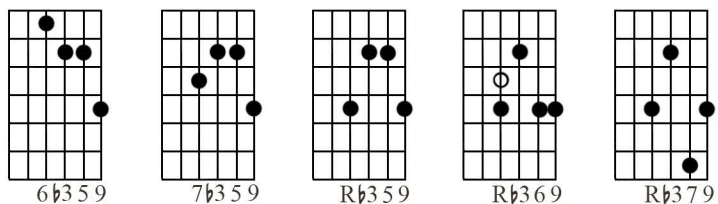
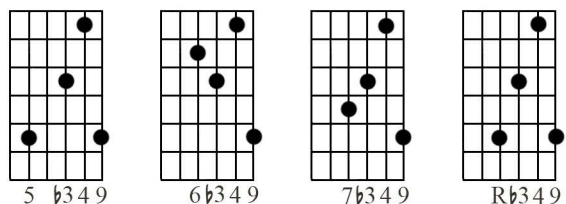
↑
order of thought

[This “order of thought” means Ted is thinking tenor, alto, bass, soprano.
This is the V-System method one chronological voice formula TABS for V-2.
He’s thinking in method one.]



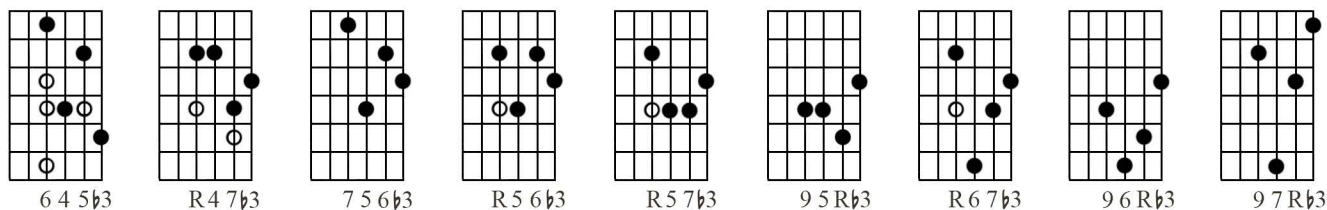
9th on Top:

9	9	9	9	9	9	9	9	9	9
4	4	4	4	4	5	5	5	6	6
b3	b3	b3	b3	b3	b3	b3	b3	b3	b3
5	6	7	8	8	6	7	8	7	8

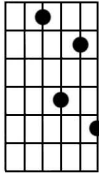
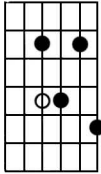


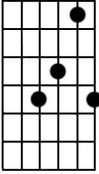
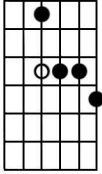
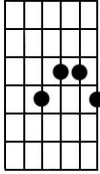
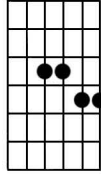
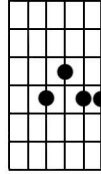
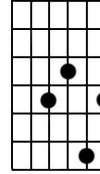
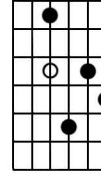
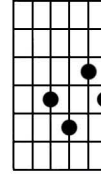
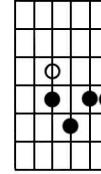
b3rd on Top:

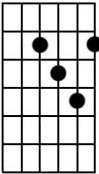
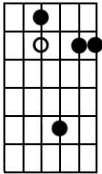
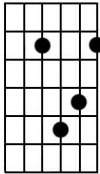
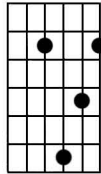
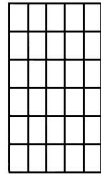
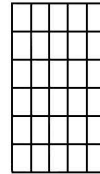
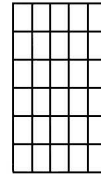
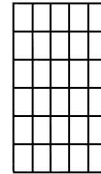
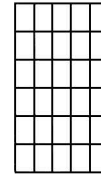
b3	b3	b3	b3	b3	b3	b3	b3	b3	b3	b3	b3	b3	b3	b3	b3	b3	b3	b3
5	5	5	5	6	6	6	7	7	8	6	6	6	7	7	8	7	7	8
4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6
6	7	8	9	7	8	9	8	9	9	7	8	9	8	9	9	8	9	9



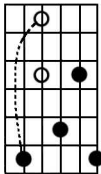
11th on Top:

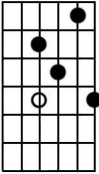
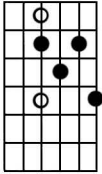
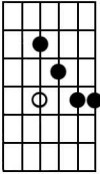
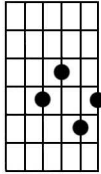
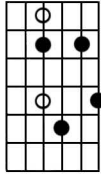
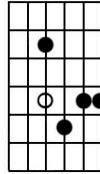
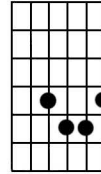
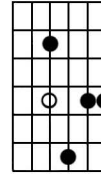
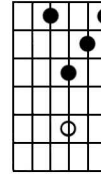
11 11 11 11	11 11 11	11 11	11	11 11 11	11 11	11	11 11	11 11		
6 6 6 6	7 7 7	8 8	9	7 7 7	8 8	9	8 8	9 9	7 5 6 11	R 5 6 11
5 5 5 5	5 5 5	5 5	5	6 6 6	6 6	6	7 7	7 8		
7 8 9 ♭10	8 9 ♭10	9 ♭10	♭10	8 9 ♭10	9 ♭10	♭10	9 ♭10	♭10 ♭10		

								
♭3 5 6 11	R 5 7 11	♭3 5 7 11	9 5 R 11	♭3 5 R 11	♭3 5 9 11	R 6 7 11	♭3 6 7 11	♭3 6 R 11

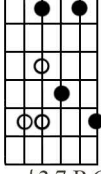
								
♭3 6 9 11	9 7 R 11	♭3 7 9 11	♭3 R 9 11					

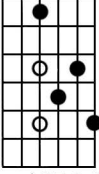
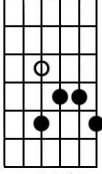
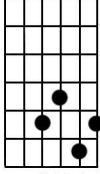
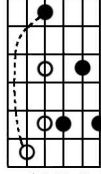
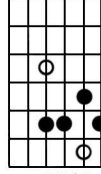
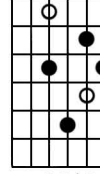
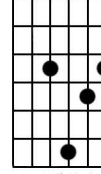
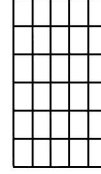
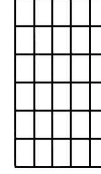
5th on Top:

5 5 5 5	5 5 5	5 5	5	5 5 5	5 5	5	5 5	5 5	
7 7 7 7	8 8 8	9 9	♭10	8 8 8	9 9	♭10	9 9	♭10 ♭10	R 6 7 5
6 6 6 6	6 6 6	6 6	6	7 7 7	7 7	7	8 8	8 9	
8 9 ♭10 11	9 ♭10 11	♭10 11	11	9 ♭10 11	♭10 11	11	♭10 11	11 11	

								
♭3 6 7 5	♭3 6 R 5	♭3 6 9 5	4 6 ♭3 5	♭3 7 R 5	♭3 7 9 5	4 7 ♭3 5	♭3 R 9 5	4 R ♭3 5

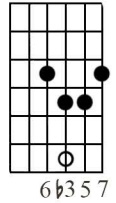
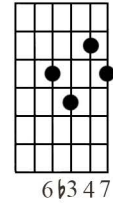
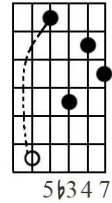
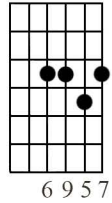
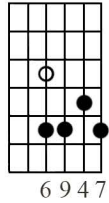
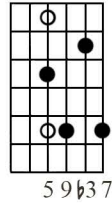
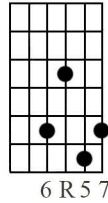
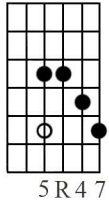
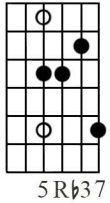
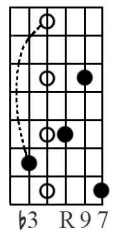
6th on Top:

6 6 6 6	6 6 6	6 6	6	6 6 6	6 6	6	6 6	6 6	
8 8 8 8	9 9 9	♭10 ♭10	11	9 9 9	♭10 ♭10	11	♭10 ♭10	11 11	♭3 7 R 6
7 7 7 7	7 7 7	7 7	7	8 8 8	8 8	8	9 9	9 ♭10	
9 ♭10 11 5	♭10 11 5	11 5	5	♭10 11 5	11 5	5	11 5	5 5	

								
♭3 7 9 6	5 7 ♭3 6	5 7 4 6	♭3 R 9 6	5 R ♭3 6	5 9 ♭3 6	5 ♭3 4 6		

7th on Top:

7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
9	9	9	9	b10	b10	b10	11	11	5	b10	b10	b10	11	11	5	11	11	5	5
8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	b10	b10	b10	11
b10	11	5	6	11	5	6	5	6	6	11	5	6	5	6	6	5	6	6	6



[Ted says there are 20 permutations for each soprano times seven possible sopranos = 140. He's right. But he only calculates ten permutations for Root on top and ten permutations for 9th on top. For the other sopranos he calculated all the 20 possibilities.]

To be consistent, he should have done for Root on top:

8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
b3	b3	b3	b3	4	4	4	5	5	6	4	4	4	5	5	6	6
2	2	2	2	2	2	2	2	2	2	b3	b3	b3	b3	b3	4	4
4	5	6	7	5	6	7	6	7	7	5	6	7	6	7	7	7

And similarly, Ted would have calculated 20 permutations for 9th on top.]

9	9	9	9
4	4	4	4
b3	b3	b3	b3
5	6	7	8

9	9	9
5	5	5
b3	b3	b3
6	7	8

9	9
6	6
b3	b3
7	8

9
7
b3
8

9	9	9
5	5	5
4	4	4
6	7	8

9	9
6	6
4	4
7	8

9
7
4
8

9	9
6	6
5	5
7	8

9	9
7	7
5	6
8	8

ORDER of thought

Search for Melodic Minor TONICS

TOP 4

LATER ADD:

V-1, V-3, Dotted note

5-25-89

R on top

20 POSSIBLE VOICINGS

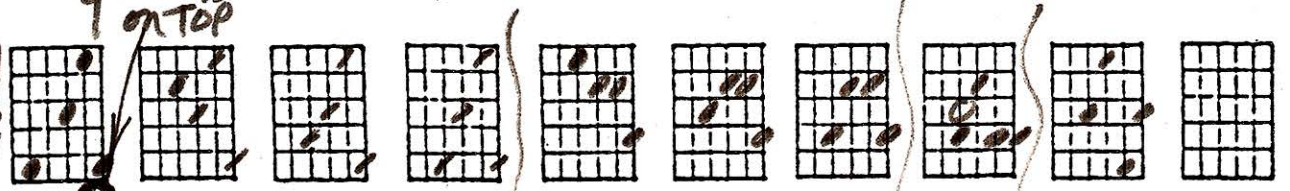
for each soprano of V-2 (no only 20x7=140)

2nd, please try adjacent strings tone-reversals too

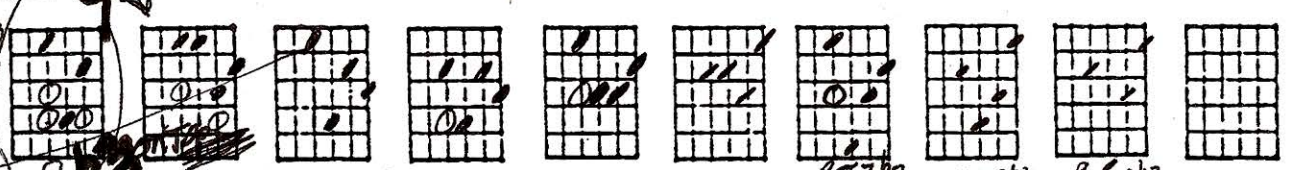
1 2 3 4 5 6 7 8 9 10 11 12
8 8
b3 b3
5 6 7 8 9 10 11 12
b3 b3
5 6 7 8 9 10 11 12



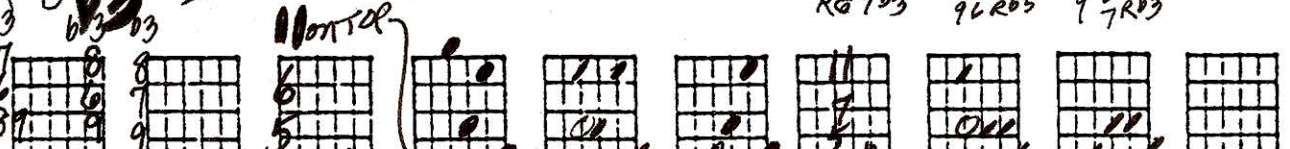
9 9 9 9
4 5 6 7
b3 b3 b3 b3
5 6 7 8 9 10 11 12



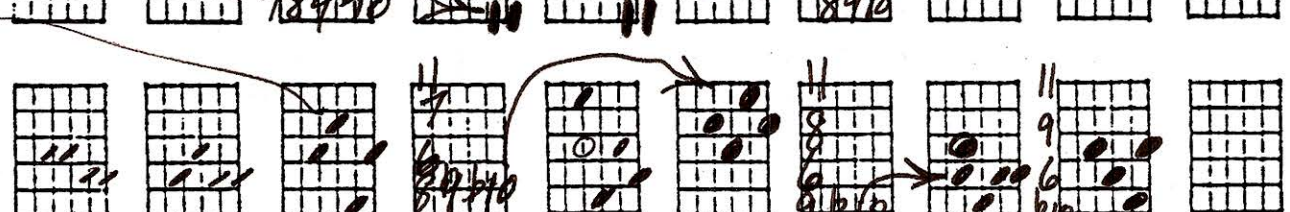
b3 b3 b3 b3
5 6 7 8
4 4 4 4
6 7 8 9 10 11 12



b3 b3 b3 b3
5 5 5 5
7 7 7 7
8 9 10 11 12



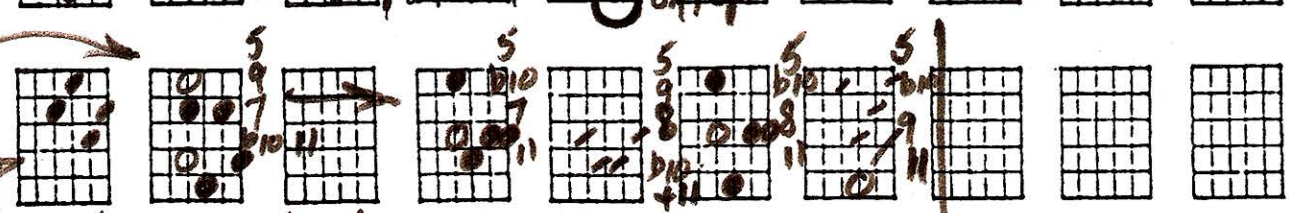
11 11
8 9
5 5
9 b10 b10



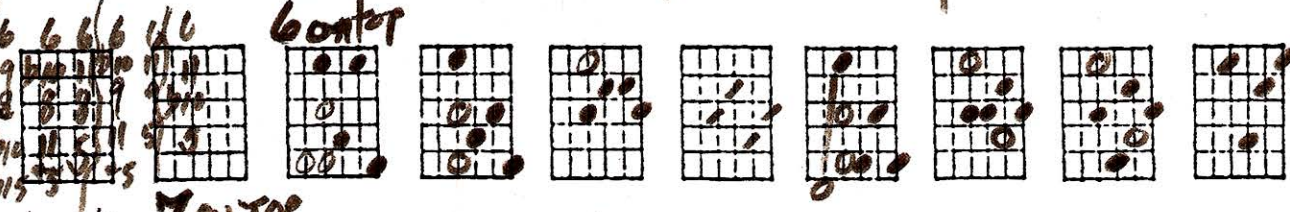
11 11
8 9
7 7
9 b10 b10



5 5
b10 8
6 7
11 9 b10 11



6 6 6 6
8 9 b10 11 9 b10 11 9 b10 11 9 b10 11
7 7 7 7
9 b10 11 5 6 7 8 9 10 11 12
+11 5 +11 5 +11 5 +11 5



7 7 7 7 7 7 7 7
9 b10 11 5 b10 11 5 11 5 11 5
8 8 8 8 9 9 9 9 b10 11 11
b10 11 5 6 11 5 6 5 6 6
+11 5 6 6 6

