

The Parallel Murchanas of Kafi

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1/1 10/9 32/27 4/3 3/2 5/3 16/9 2/1

1.

10/9	16/15	9/8	(9/8)	10/9	16/15	9/8
S	R-	G	M	P	D-	N

 Kafi

1/1 9/8 5/4 4/3 3/2 27/16 15/8 2/1

2.

9/8	10/9	16/15	9/8	(9/8)	10/9	16/15
S	R	G	M	P	D	N

1/1 16/15 6/5 4/3 64/45 8/5 9/5 2/1

3.

16/15	9/8	10/9	16/15	9/8	(9/8)	10/9
S	B+	G+	M	P+	D+	N+

1/1 10/9 32/27 4/3 40/27 128/81 16/9 2/1

4.

10/9	16/15	9/8	10/9	16/15	9/8	(9/8)
S	R-	G	M	P-	D	N

1/1 9/8 5/4 4/3 3/2 5/3 16/9 2/1

5.

(9/8)	10/9	16/15	9/8	10/9	16/15	9/8
S	R	G	M	P	D-	N

1/1 9/8 81/64 45/32 3/2 27/16 15/8 2/1

6.

9/8	(9/8)	10/9	16/15	9/8	10/9	16/15
S	R	G+	M	P	D	N

1/1 16/15 6/5 27/20 3/2 8/5 9/5 2/1

7.

16/15	9/8	(9/8)	10/9	16/15	9/8	10/9
S	B+	G+	M+	P	D+	N+

1/1 16/15 9/8 4/5 81/64 27/20 729/512 3/2 8/5 27/16 9/5 243/128 2/1

8.

16/15	135/128	16/15	135/128	16/15	135/128	256/243	16/15	135/128	16/15	135/128	256/243
S	R+	R	G+	G+	M+	M+	P	D+	D	N+	N+

S = 81/80

16/15	135/128	16/15	135/128	16/15	135/128	256/243	16/15	135/128	16/15	135/128	256/243
256/243	25/24	256/243	25/24	256/243	25/24	256/243	256/243	25/24	256/243	25/24	256/243
256/243	135/128	16/15	135/128	16/15	135/128	16/15	256/243	135/128	16/15	135/128	16/15

Upper inflection

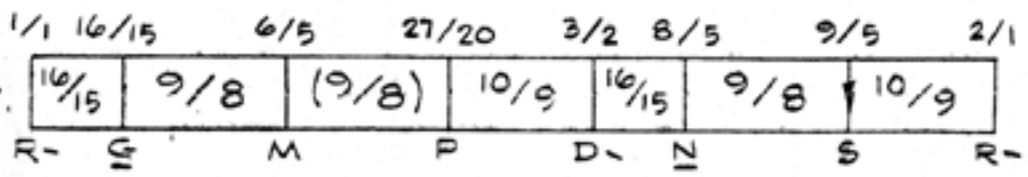
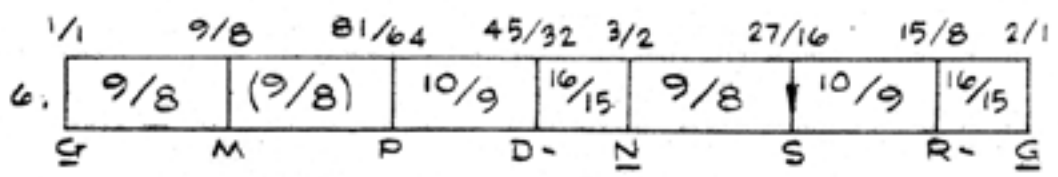
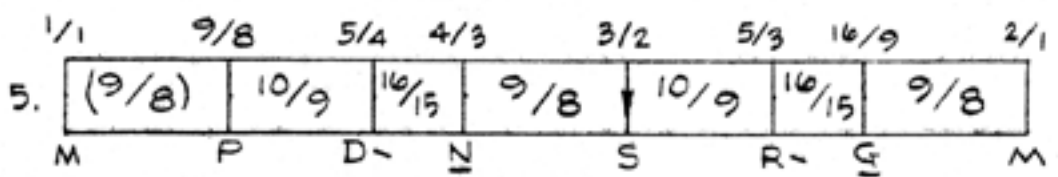
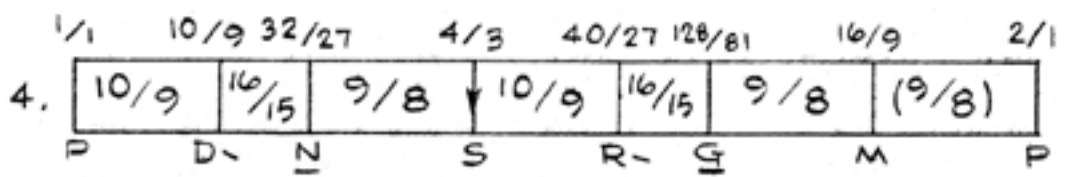
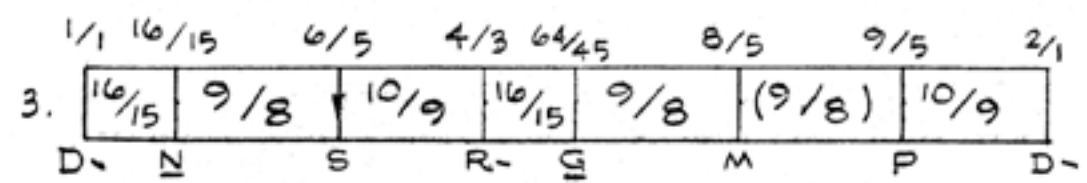
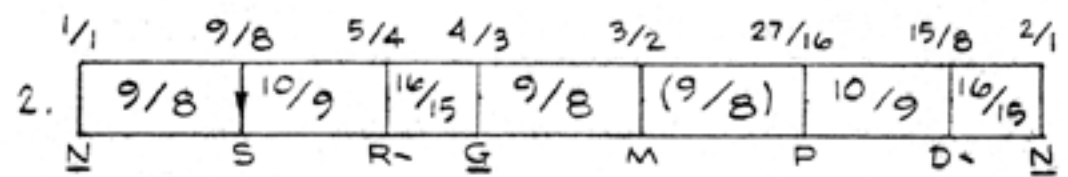
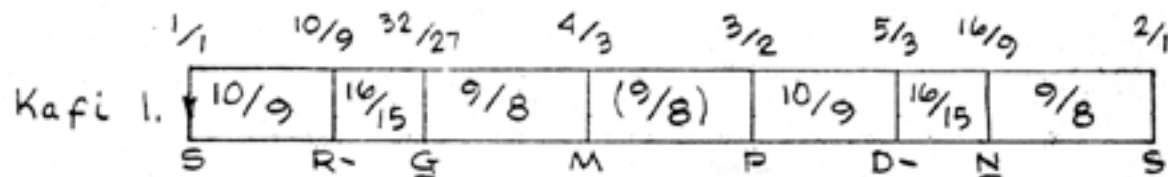
variable inflection of basic 12-tone scale = the 22-tone scale.

lower inflection

1/1 256/243 10/9 32/27 5/4 4/3 45/32 3/2 128/81 5/3 16/9 15/8 2/1

9.

256/243	10/9	32/27	5/4	4/3	45/32	3/2	128/81	5/3	16/9	15/8
S	R	R-	G	G	M	M	P	D	D-	N



The Relative Murchanas of Kafi
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