

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

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

Kafi

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

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

BALANCE

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

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

SRUTIS
 SM $\frac{81}{80}$
 MED $\frac{25}{24}$
 LG $\frac{256}{243}$

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

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

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

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

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

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

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

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

S $\overbrace{R+ R}$ $\overbrace{G+ G+}$ $\overbrace{M+ M+}$ P $\overbrace{D+ D}$ $\overbrace{N+ N+}$ S

1/1 16/15 9/8 6/5 81/64 27/20 729/512 3/2 8/5 27/16 9/5 243/128 2/1

16/15	$\frac{135}{128}$	16/15	$\frac{135}{128}$	16/15	$\frac{135}{128}$	$\frac{256}{243}$	16/15	$\frac{135}{128}$	16/15	$\frac{135}{128}$	$\frac{256}{243}$	
$\frac{256}{243}$	S	$\frac{25}{24}$	S	$\frac{256}{243}$	S	$\frac{25}{24}$	S	$\frac{256}{243}$	S	$\frac{25}{24}$	S	$\frac{256}{243}$
$\frac{256}{243}$	$\frac{135}{128}$	16/15	$\frac{135}{128}$	16/15	$\frac{135}{128}$	16/15	$\frac{256}{243}$	$\frac{135}{128}$	16/15	$\frac{135}{128}$	16/15	

Upper inflection
 Variable inflection of basic 12-tone scale = the 22-tone scale.
 Lower inflection

1/1 $\frac{256}{243}$ 10/9 32/27 5/4 4/3 45/32 3/2 128/81 5/3 16/9 15/8 2/1

S $\overbrace{R R-}$ $\overbrace{G G}$ $\overbrace{M M}$ P $\overbrace{D D-}$ $\overbrace{N N}$ S

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

Kafi 1.

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

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
N	S	R-	G	M	P	D-

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
D-	N	S	R-	G	M	P

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)
P	D-	N	S	R-	G	M

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
M	P	D-	N	S	R-	G

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
G	M	P	D-	N	S	R-

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
R-	G	M	P	D-	N	S

