

A 24-Note Turkish Tonal System, (as inferred*)

Erv Wilson, Mar 5 2001

Modulus	Name	chain Position	Ratio
0/53	DUGAH	• 0	2/1
52	Dik Zengule	• -12	160/81
51			
50			
49	Sehnaz	• +5	243/128
48	Nim Sehnaz	• -7	15/8
47			
46			
45			
44	GERDANIYE	• -2	16/9
43	Dik Mahur	• -14	1280/729
42			
41			
40	Mahur	• +3	27/16
39	Evic	• -9	5/3
38			
37			
36	Dik Acem	• +8	6,561/4,096
35	ACEM	• -4	405/256
34			
33			
32			
31	HUSEYNI	• +1	3/2
30	Dik Hisar	• -11	40/27
29			
28			
27	Hisar	• +6	729/512
26	Nim Hisar	• -6	45/32
25			
24			
23			
22	NEVA	• -1	4/3
21	Dik Hicaz	• -13	320/243
20			
19			
18	Hicaz	• +4	81/64
17	Nim Hicaz	• -8	5/4
16			
15			
14	-----	• +9	19,683/16,384
13	CARGAH	• -3	1215/1024
12			
11			
10			
9	BUSELIK	• +2	9/8
8	Segah	• -10	10/9
7			
6			
5	Dik kurdi	• +7	2187/2048
4	Kurdi	• -5	135/128
3			
2			
1			
53/0	DUGAH (440)	• 0	1/1
52	Dik Zengule	•	

Ref; "Non-Deterministic Sound Structures Observed in Traditional Turkish Music"
by Can AKKog, 1999, Clock ~ 7. *

