

SEPTUTI: A 7 LIMIT SCALE INSPIRED BY THE 22 SRUTIS

Praveen S. Venkataramana

Lattice:

	28/27	14/9	7/6	7/4	21/16	63/32	189/128					
256/243	128/81	32/27	16/9	4/3	1/1	3/2	9/8	27/16	81/64	243/128	729/512	
		64/63	32/21	8/7	12/7	9/7	27/14	81/56				

This scale contains various genera of antiquity including some by Al-Farabi and Archytas, in addition to scales by La Monte Young and Michael Harrison.

Tabulation of Tones:

1/1	0	S
64/63	27.2640918001001	Ŝ
28/27	62.9609038729626	Ř
256/243	90.2249956730627	Ŕ
9/8	203.910001730775	R
8/7	231.174093530875	Ř
7/6	266.870905603737	Ĝ
32/27	294.134997403838	G
81/64	407.82000346155	G
9/7	435.08409526165	Ĝ
21/16	470.780907334512	Ŕ
4/3	498.044999134612	M
729/512	611.730005192325	Ŕ
81/56	638.994096992424	Ŕ
189/128	674.690909065287	Ŕ
3/2	701.955000865388	P
32/21	729.219092665488	Ŕ
14/9	764.91590473835	Ď
128/81	792.17999653845	Ď
27/16	905.865002596162	D
12/7	933.129094396262	Ď
7/4	968.825906469125	Ŕ
16/9	996.089998269225	Ŕ
243/128	1109.77500432694	N
27/14	1137.03909612704	Ŕ
63/32	1172.7359081999	Ŝ
2/1	1200	Ŝ