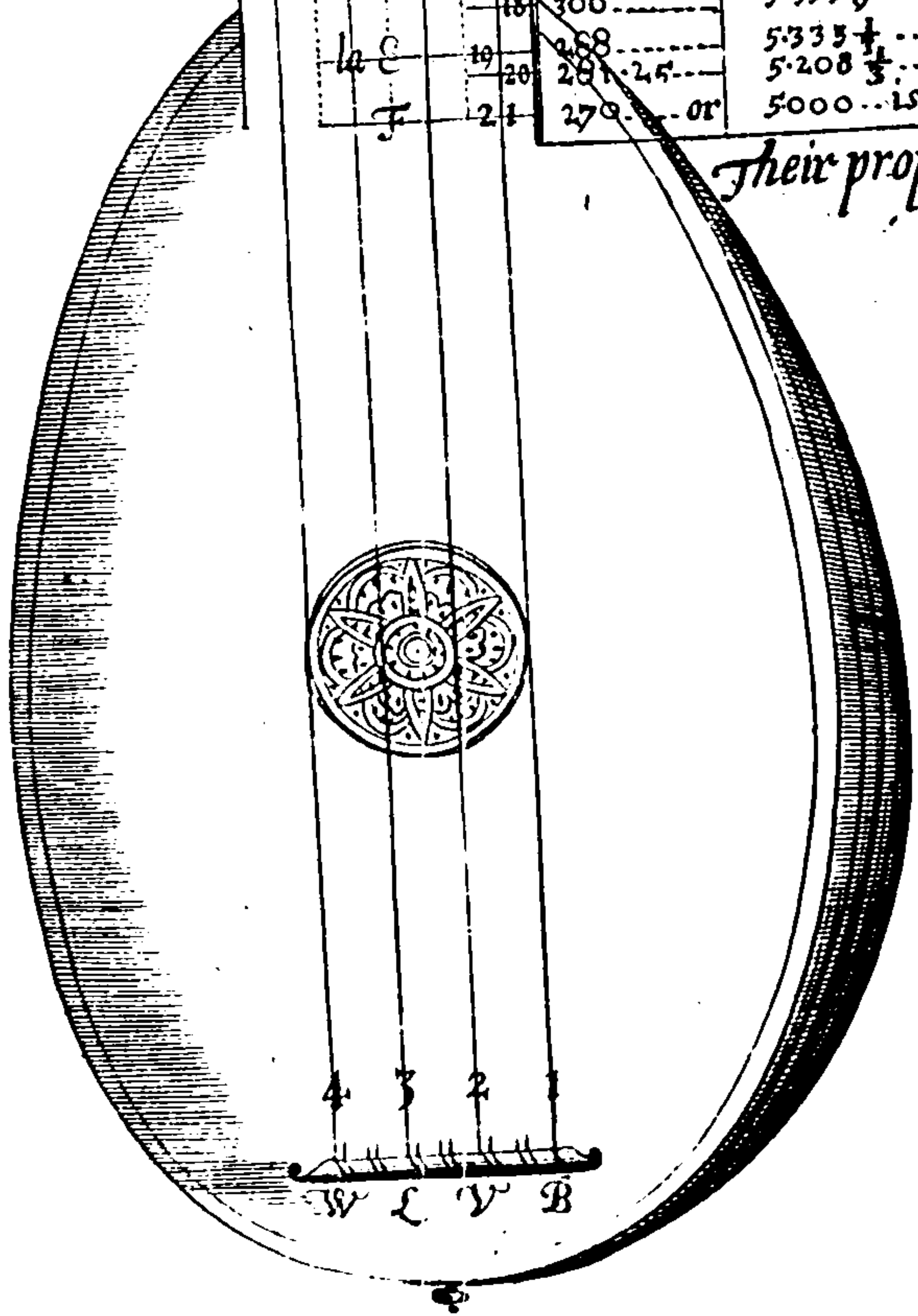


# Animadversions upon the Their Proportions, Denominations,

	5400 or	10000 is to	as to	as an Unison, to its acuter
1	518.4	9.600	25 24	Semitone minor; or Diesis major
2	506.25	9.375	16 15	Semitone major; or Degree minor
3	486	8.000	10 9	Tone or second minor; or degree major
4	480	8.888 $\frac{8}{9}$	9 8	Tone or second major; or degree maxim
5	455.625	8.437 $\frac{1}{3}$	32 27	Third minor - Schisme
6	450	8.333 $\frac{1}{3}$	6 5	Third minor; or Semiditone
7	432	8.000	5 4	Third major; or Ditone
8	405	7.500	4 3	Fourth, or Tetraxion
9	400	7.407 $\frac{11}{27}$	27 20	Fourth + Schisme
10	384	7.111 $\frac{1}{3}$	64 45	Tritone
11	375	7.037 $\frac{1}{3}$	84 65	Semififth
12	360	6.750	40 27	Fifth - Schisme
13	360	6.666 $\frac{2}{3}$	7 2	Fifth; or Diapente
14	337.5	6.250	8 5	Sixth minor; or diapente + Semit. major
15	324	6.000	5 3	Sixth major; or diapente + Tone minor
16	320	5.925 $\frac{24}{25}$	25 16	Diapente + Tone major
17	303.75	5.625	16 9	Seventh minor; or Diapason - Tone major
18	300	5.555 $\frac{5}{9}$	9 5	Seventh minor; or Diapason - Tone minor
19	288	5.333 $\frac{1}{3}$	15 8	Seventh major; or Diapason - semitone major
20	280	5.200	48 25	Semi-eighth
21	270	5.000	15 2	Eighth, or Diapason

Fig. 1.

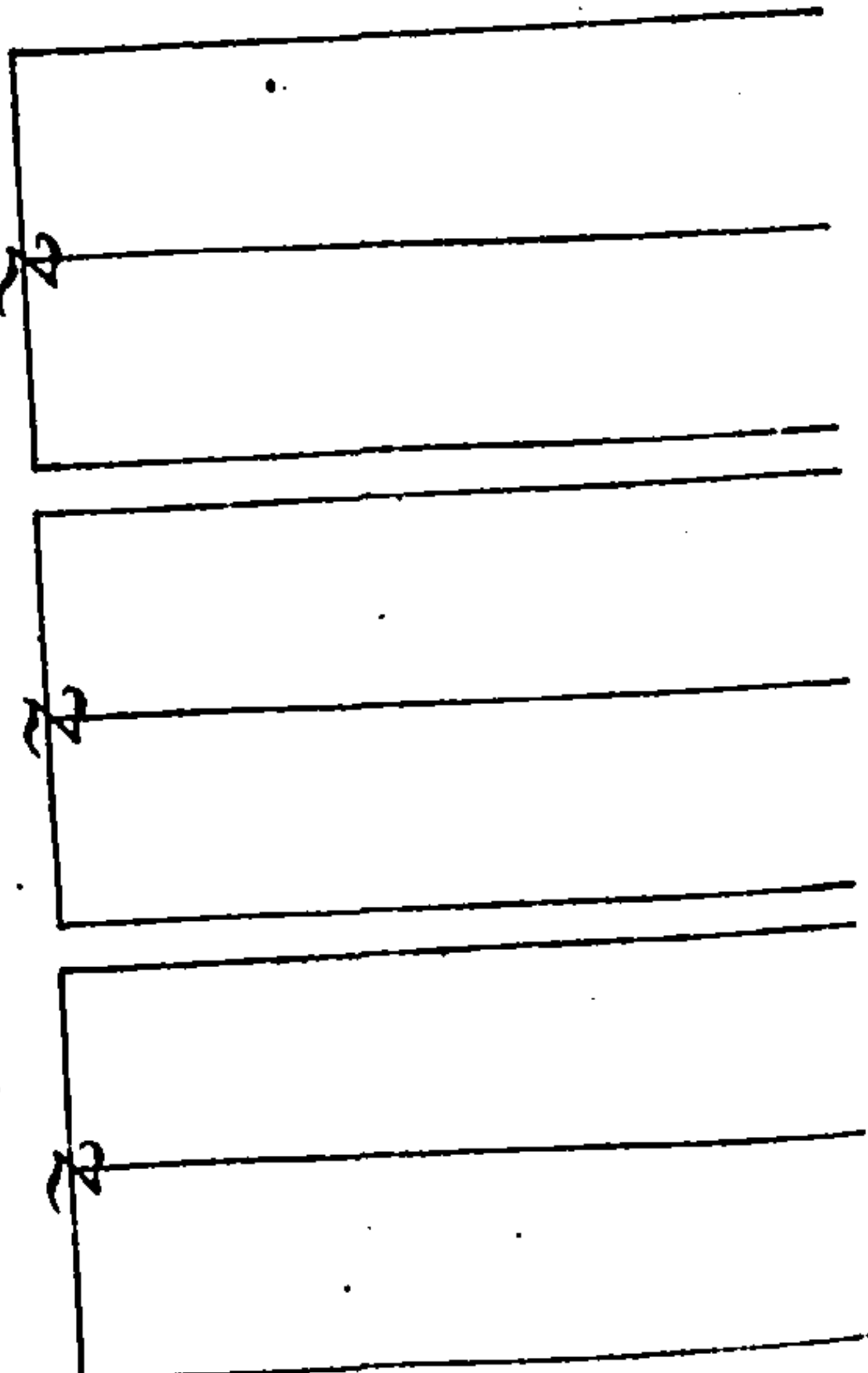


Their propor:

Fig. 2.

Fig. 3.

Fig. 4.



# Musick-Compendium of R. des-Cartes Differences.

1	2	Eighth, or Diapason	Semitone minor, or Diesis major, or Chromatica.
25	48	Semi-Eighth	Diesis minor, or Enharmonica. as 128 to 125. Δ
8	15	Seventh major	Semitone minor.
5	9	Seventh minor	Schisme i.e. as 81 to 80. Δ. as 80 to 81. ∇.
9	16	Seventh minime	Semitone, or Limma Pythag. as 243 to 256. ∇.
16	27	Fifth + Second major	Schisme, or Comma major.
3	5	Sixth major	Semitone minor.
5	8	Sixth minor	Semitone major.
2	3	Fifth	Schisme.
27	40	Fifth - Schisme	Semitone minor.
45	64	Semififth	Comma minus i.e. as 2048 to 2025. Δ
32	45	Tritone	Semitone minor.
20	27	Fourth + Schisme	Schisme.
5	7	Fourth	Semitone major.
4	7	Third major	Semitone minor } Semitone mod. as 127.128. Δ.
5	6	Third minor	Schisme.
27	32	Third minor - Schisme	Semitone pythag. as 256 to 243. Δ.
8	9	Tone major	Schisme.
9	10	Second minor	Semitone minor. } Semit. max. as 22 to 25. Δ.
15	16	Semitone major	Diesis minor.
24	25	Semitone minor	Semitone minor.
25	20	as an unison, to its graver.	

## tions, Denominations,

## Differences.

5400	10000	5400	10000	5400	10000
518.4	9.600	509.7	9.450	509.2	9.429
506.25	9.375	482.2	8.920	480.1	8.891
486	8.000	455.7	8.458	452.7	8.584
480	8.888 $\frac{8}{9}$	450.6	8.7974	428.6	8.7957
455.625	8.437 $\frac{1}{3}$	406.9	8.7535	404.5	8.7492
450	8.333 $\frac{1}{3}$	405.9	8.7517	384.5	8.7120
432	8.000	384.5	8.7120	381.8	8.7071
405	7.500	365.5	8.6728	360.4	8.6674
400	7.407 $\frac{11}{27}$	345.3	8.6358	340.2	8.6500
384	7.111 $\frac{1}{3}$	324.4	8.6008	321.1	8.5946
375	7.037 $\frac{1}{3}$	306.6	8.5677	303.1	8.5612
360	6.750	289.7	8.5365	286.1	8.5297
360	6.666 $\frac{2}{3}$	273.7	8.5069	270.	8.5000
337.5	6.250	258.7	8.4790	251.6	8.4659
324	6.000	244.5	8.4527	237.2	8.4395
320	5.925 $\frac{24}{25}$	231.0	8.4278	225.7	8.4142
303.75	5.625	218.5	8.4042		
300	5.555 $\frac{5}{9}$	206.5	8.3820		