

Lattice for Zeta-24 tuning:

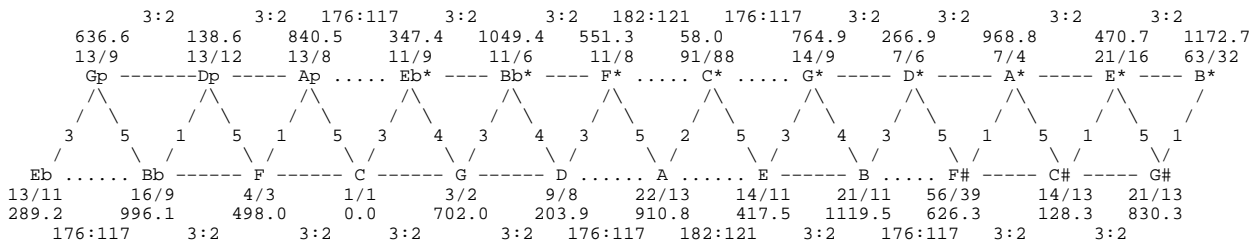
	3:2	3:2	176:117	3:2	3:2	182:121	176:117	3:2	3:2	3:2	3:2											
Gp	---	Dp	---	Ap	...	Eb*	---	Bb*	---	F*	....	C*	...	G*	---	D*	---	A*	---	E*	---	B*
13/9	13/12	13/8	11/9	11/6	11/8	91/88	14/9	7/6	7/4	21/16	63/32											
636.6	138.6	840.5	347.4	1049.4	551.3	58.0	764.9	266.9	968.8	470.7	1172.7											
	176:117	3:2	3:2	3:2	3:2	176:117	182:121	3:2	176:117	3:2	3:2											
Eb	...	Bb	----	F	----	C	----	G	----	D	....	A	....	E	----	B	....	F#	----	C#	----	G#
13/11	16/9	4/3	1/1	3/2	9/8	22/13	14/11	21/11	56/39	14/13	21/13											
289.2	996.1	498.0	0.0	702.0	203.9	910.8	417.5	1119.5	626.3	128.3	830.3											

In this notation, the Persian koron (ASCII "p") is used for the three notes at the lower end of the upper chain, Gp (13/9), Dp (13/12), and Ap (13/8), classical intervals from the tunings of Ibn Sina (980-1037) approximately 1/3-tone lower than the Zeta-24 steps G (3/2), D (9/8), and A (22/13).

Another perspective on chains of fifths, showing G#-Eb* connection between chains:

	3:2	3:2	176:117	3:2	3:2	182:121	176:117	3:2	3:2	3:2	3:2												
Gp	---	Dp	---	Ap	...	Eb*	---	Bb*	---	F*	....	C*	...	G*	---	D*	---	A*	----	E*	---	B*
13/9	13/12	13/8	11/9	11/6	11/8	91/88	14/9	7/6	7/4	21/16	63/32												
636.6	138.6	840.5	347.4	1049.4	551.3	58.0	764.9	266.9	968.8	470.7	1172.7												
								286:189	(717.2)														
	176:117	3:2	3:2	3:2	3:2	3:2	176:117	182:121	3:2	176:117	3:2	3:2											
Eb	...	Bb	----	F	----	C	----	G	----	D	....	A	....	E	----	B	....	F#	----	C#	----	G#
13/11	16/9	4/3	1/1	3/2	9/8	22/13	14/11	21/11	56/39	14/13	21/13												
289.2	996.1	498.0	0.0	702.0	203.9	910.8	417.5	1119.5	626.3	128.3	830.3												

Zalzalian lattice: A web of fifths and middle thirds
(Dudon's entrelacs or interlacing, or Wilson's Rast/Bayyati matrix, with 5 sizes of generating thirds)



Key to Zalzalian thirds

- 1 = 39/32 (342.483 cents)
- 2 = 1183/968 (347.245 cents)
- 3 = 11/9 (347.408 cents)
- 4 = 27/22 (354.547 cents)
- 5 = 16/13 (359.472 cents)

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