

8EDF (8ED3/2) – Basic Uranian Tuning (3L2s – L/s=2)							A=220Hz
Roughly approximates 13 ² /3 EDO (41ED8), or a stretched 14EDO							
Cents	Approximate Intervals			Uranian Interval	Diatonic Equivalent	Note	Freq.
	7-limit	11-limit	19-limit				
0	1			unison	unison	A	220
87,7444	21/20	22/21	20/19, 19/18	minor mossecond	minor second	A#	231,438
175,48875	10/9		21/19	major mossecond	major second	B	243,47
263,2331	7/6			<i>perfect mosthird</i>	superminor third	C	256,128
350,9775	60/49, 49/40	11/9		augmented mosthird	neutral third	C#	269,444
438,7219	9/7			<i>perfect mosfourth</i>	supermajor third	D	283,452
526,46625	27/20		19/14	minor mosfifth	wolf fourth	D#	298,189
614,2106	10/7		27/19	major mosfifth	augmented fourth	E	313,691
701,955	3/2			sesquitate	just fifth	A	330
789,6994	63/40	11/7	30/19	minor mossecond	minor sixth	A#	347,157
877,44375	5/3		63/38	major mossecond	major sixth	B	365,205
965,1881	7/4			<i>perfect mosthird</i>	subminor seventh	C	384,192
1052,9325	90/49	11/6		augmented mosthird	neutral seventh	C#	404,166
1140,6769	27/14			<i>perfect mosfourth</i>	submajor seventh	D	425,178
1228,4212	81/40		57/28	minor mosfifth	acute octave	D#	447,283
1316,1656	15/7		81/38	major mosfifth	augmented octave	E	470,537
1403,91	9/4			sesquitate	major ninth	A	495
<i>Using 5 steps (Diatonic supermin/supermaj III – Uran perf III/IV) as generator => pentatonic scale</i>							
Major-most - 2-2-1-2-1 > 2-1-2-2-1 > 2-1-2-1-2 > 1-2-2-1-2 > 1-2-1-2-2 - minor-most							
Modes of the Uranian scale by each Uranian interval class, numbered by steps from root							
Mode	Mosseconds	Mosthirds	Mosfourths	Mosfifths			
Oberonan (A naturals)	2	3	5	7			
Arielan (B naturals)	1	3	5	6			
Titanian (C naturals)	2	4	5	7			
Umbrielan (D naturals)	2	3	5	6			
Mirandan (E naturals)	1	3	4	6			
Diminished	Minor	Perfect	Major	Augmented			
Titanian > Oberonan > Umbrielan > Arielan > Mirandan							
Genchain: Cb-Ab-Db-Bb-Eb-C-A-D-B-E-C#-A#-D#-B#-E# (m2-m5-P3-P1-P4-M2-M5)							
All scales have 2 types of diatonic third (m+n/m+M/n+M)							
Hemilupine temperament: tempers the sensamagic comma (245/243) in the 7-limit: (7/6) ² =(27/20)							
Extends to the 11-limit, tempering the hemilupine comma (2401/2376): (7/6) ⁴ =(11/9)·(3/2)							
Hemihendrix temperament (2.3.7.11.19) tempers the hemihendrix comma (343/342): (7/6) ² =(19/14) & 2401/2376							