

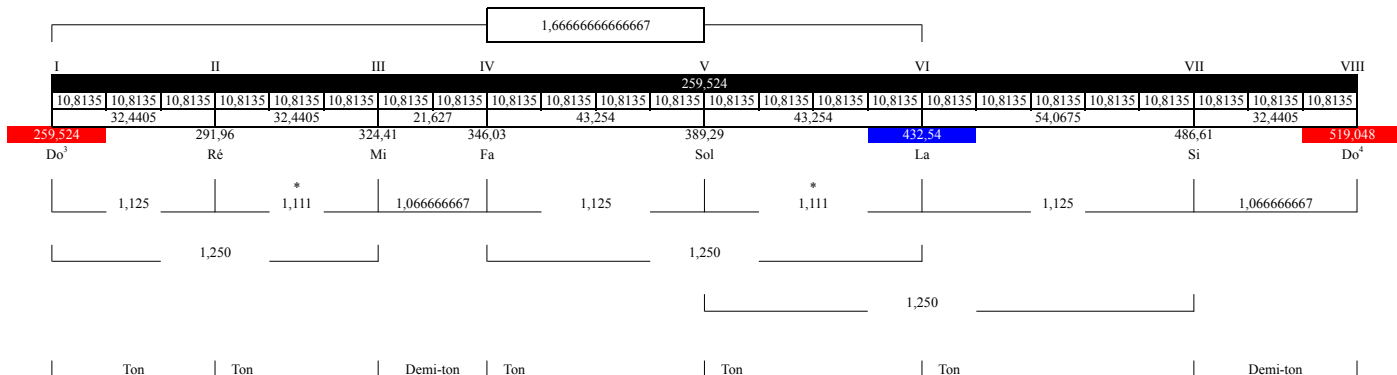
Fig.7c



432,54 Hz

Gamme diatonique naturelle en Hz vs tempérée (%)

Progression naturel Hz entre deux octave/24



HDS Échelle tempérée Hz														
Progression %		5,94630943592953												
HDS	Do	Ré	Mi	Fa	Sol	La	Si	Do	HDS					
Do ¹²	16460,15	17438,920	18475,892	19574,526	20738,488	21971,662	23278,165	24662,357	26128,857	27683	29328,651	31072,623	32920,30	Do ¹³
Do ¹¹	8230,07	8719,460	9237,946	9787,263	10369,244	10985,831	11639,083	12331,179	13064,429	13841	14664,325	15536,312	16460,15	Do ¹²
Do ¹⁰	4115,04	4359,730	4618,973	4893,631	5184,622	5492,916	5819,541	6165,589	6532,214	6921	7332,163	7768,156	8230,07	Do ¹¹
Do ⁹	2057,52	2179,865	2309,487	2446,816	2592,311	2746,458	2909,771	3082,795	3266,107	3460	3666,081	3884,078	4115,04	Do ¹⁰
Do ⁸	1028,76	1089,933	1154,743	1223,408	1296,155	1373,229	1454,885	1541,397	1633,054	1730	1833,041	1942,039	2057,52	Do ⁹
Do ⁷	514,38	544,966	577,372	611,704	648,078	686,614	727,443	770,699	816,527	865	916,520	971,019	1028,76	Do ⁸
Do ⁶	257,19	272,48	288,69	305,85	324,04	343,31	363,72	385,35	408,26	432,54	458,26	485,51	514,38	Do ⁷
Do ⁵	128,59	136,24	144,34	152,93	162,02	171,65	181,86	192,67	204,13	216,27	229,13	242,75	257,19	Do ⁶
Do ⁴	64,30	68,12	72,17	76,46	81,01	85,83	90,93	96,34	102,07	108,14	114,57	121,38	128,59	Do ⁵
Do ³	32,15	34,06	36,09	38,23	40,50	42,91	45,47	48,17	51,03	54,07	57,28	60,69	64,30	Do ⁴
Do ²	16,07	17,03	18,04	19,12	20,25	21,46	22,73	24,08	25,52	27,03	28,64	30,34	32,15	Do ³
Do ¹	8,04	8,52	9,02	9,56	10,13	10,73	11,37	12,04	12,76	13,52	14,32	15,17	16,07	Do ²

HDS Échelle tempérée Hz	
Progression %	5,94630943592953

HDS	Do	Ré	Mi	Fa	Sol	La	Si	Do	HDS					
Do ¹²	16460,15	17438,920	18475,892	19574,526	20738,488	21971,662	23278,165	24662,357	26128,857	27683	29328,651	31072,623	32920,30	Do ¹³
Do ¹¹	8230,07	8719,460	9237,946	9787,263	10369,244	10985,831	11639,083	12331,179	13064,429	13841	14664,325	15536,312	16460,15	Do ¹²
Do ¹⁰	4115,04	4359,730	4618,973	4893,631	5184,622	5492,916	5819,541	6165,589	6532,214	6921	7332,163	7768,156	8230,07	Do ¹¹
Do ⁹	2057,52	2179,865	2309,487	2446,816	2592,311	2746,458	2909,771	3082,795	3266,107	3460	3666,081	3884,078	4115,04	Do ¹⁰
Do ⁸	1028,76	1089,933	1154,743	1223,408	1296,155	1373,229	1454,885	1541,397	1633,054	1730	1833,041	1942,039	2057,52	Do ⁹
Do ⁷	514,38	544,966	577,372	611,704	648,078	686,614	727,443	770,699	816,527	865	916,520	971,019	1028,76	Do ⁸
Do ⁶	257,19	272,48	288,69	305,85	324,04	343,31	363,72	385,35	408,26	432,54	458,26	485,51	514,38	Do ⁷
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Do ⁴	64,30	68,12	72,17	76,46	81,01	85,83	90,93	96,34	102,07	108,14	114,57	121,38	128,59	Do ⁵
Do ³	32,15	34,06	36,09	38,23	40,50	42,91	45,47	48,17	51,03	54,07	57,28	60,69	64,30	Do ⁴
Do ²	16,07	17,03	18,04	19,12	20,25	21,46	22,73	24,08	25,52	27,03	28,64	30,34	32,15	Do ³
Do ¹	8,04	8,52	9,02	9,56	10,13	10,73	11,37	12,04	12,76	13,52	14,32	15,17	16,07	Do ²

Champ auditif

* Pour plus de détails sur les harmoniques naturels consulter les figures 6 et 7 section R/D