

With the research of the harmony



The golden section influences the Western vision of the harmony
The sequence of Fibonacci... 1-1-2-3-5-8-13... applies to this rule

Ex: Perfect Major Chords: C,E,G,C

Tonic		Second		Third		Fourth		Fifth		Sixth		Seventh		Octave	
Tone		Tone		Semitone		Tone		Tone		Tone		Semitone			
1	2	3	4	5	6	7	8	9	10	11	12	13			
C	C [#] D ^b	D	D [#] E ^b	E	F	F [#] G ^b	G	G [#] A ^b	A	A [#] B ^b	B	C			
1	2	3	4	5	6	7	8	9	10	11	12	13			
Semitone		Semitone		Semitone		Semitone		Semitone		Semitone		Semitone		Semitone	
A								B							

When $(A + B) / A = A / B$. The A / B ratio is then equal to the golden ratio.

$$8 / 5 = 1.6$$

Uclide d'Alexandrie