

Paul, I think that I may get the idea of this problem, and may try a simple diagram.

Abhi, if Facebook or some difference of fonts messes thus up, my apologies.
What I may do is convert this to a graphic, which solves that problem,
although it means that I need to upload a small PDF to my ISP in order to
make this accessible to you.

.....A 500.0 cents-----|-----|
.....3rd harmonic

E 0.0 cents-----|-----|
.....4th harmonic

Note that 4th harmonic of E will be higher than E by 4:1 (2400 cents)
The 3rd harmonic of A will be higher than A by 3:1 (1901.955 cents)