

Tuning a violin

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Solution: *It would be,*

$$\begin{aligned}\Delta f &\equiv 3f_c - 2f_g = 3 \cdot 2^{-9/12} f_a - 2 \cdot 2^{-2/12} f_a \\ &= (3 \cdot 2^{-9/12} - 2 \cdot 2^{-2/12}) f_a = 0.002 f_a = 0.8858 \text{ Hz} ,\end{aligned}$$

which is enough to be nasty.