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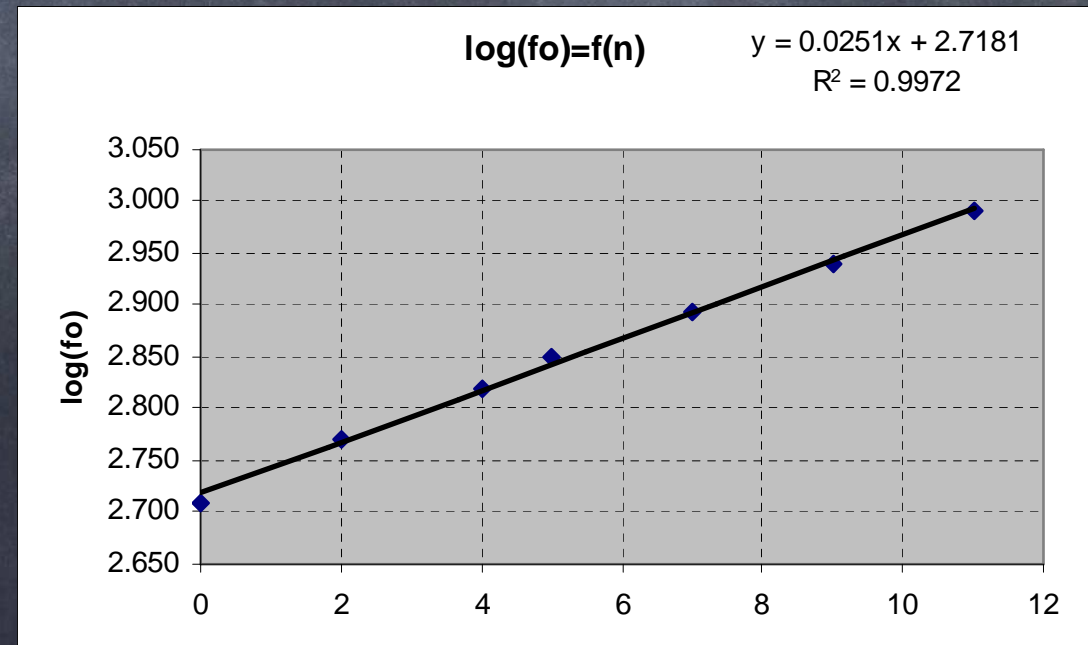
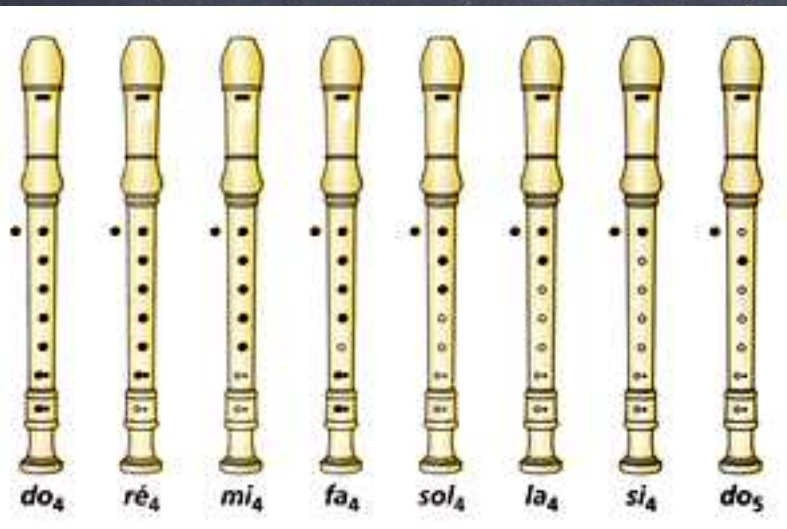


# Etude de la gamme tempérée

OS : iAnalyzerLite

Android : Sound Spectrum Analyzer

$$f_n = f_0 \times a^n \Leftrightarrow \log(f_n) = \log(f_0) + n \log(a)$$



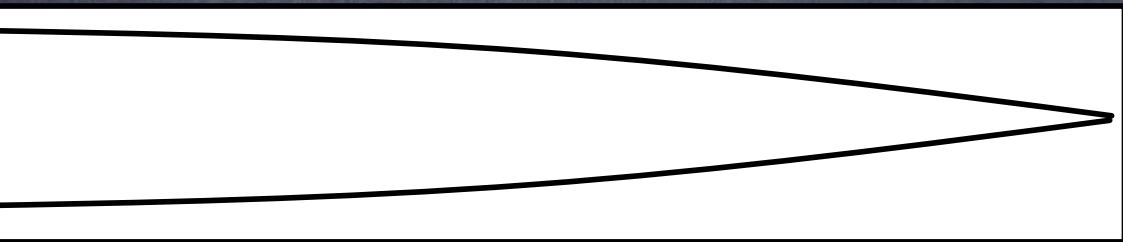
# Etude d'une flûte de pan



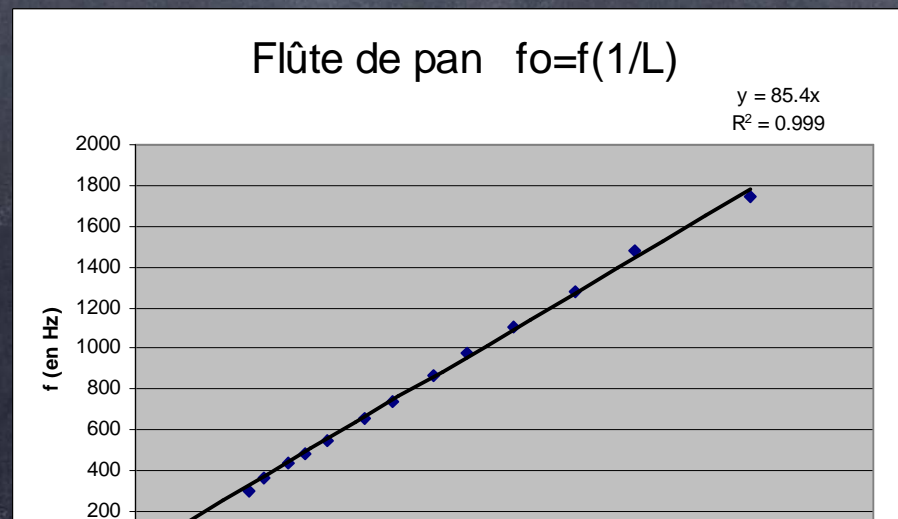
OS : iAnalyzer Lite

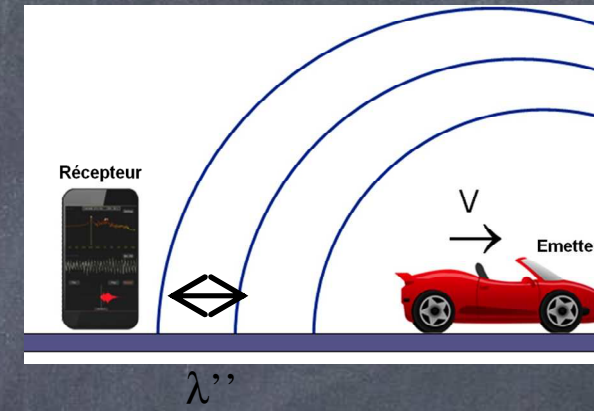
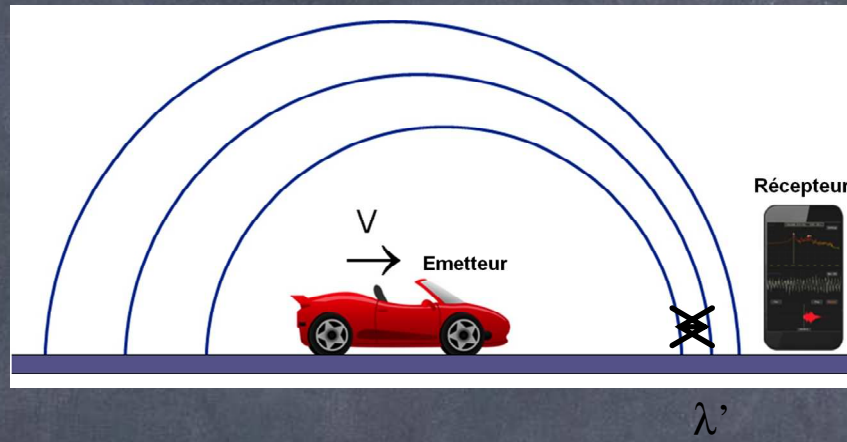
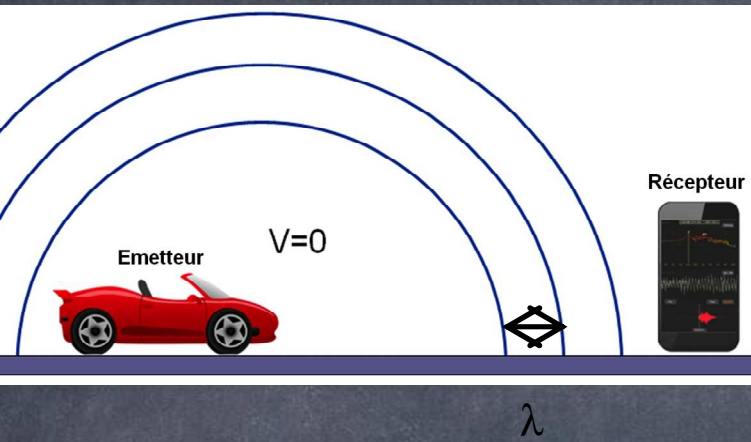
Android : Sound Spectrum Analyzer

Premier mode de vibration



$$L = \frac{v}{4f_1} \Leftrightarrow f_1 = \frac{v}{4L}$$

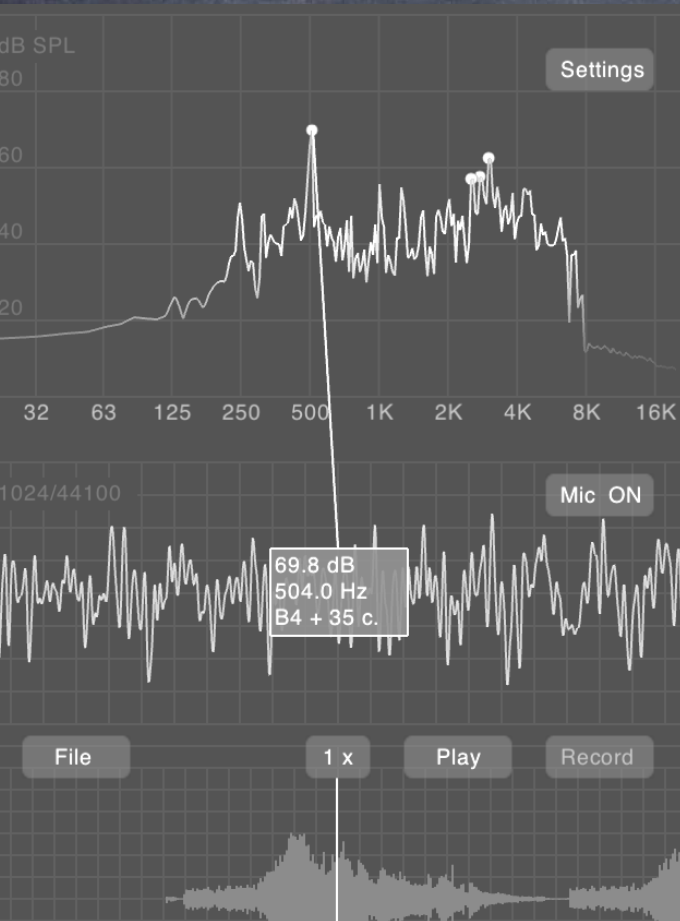




$$f' = f \times \frac{c}{c - v}$$

$$f'' = f \times \frac{c}{c + v}$$

$$v = c \times \frac{f' - f''}{f' + f''}$$



**iOS : iAnalyzerLite**

# dans un champ (AP - Approfondissement)

Application pour iPad uniquement : Parallele

Demander les marqueurs à : [Sylvie.Daniel@scg.ulaval.ca](mailto:Sylvie.Daniel@scg.ulaval.ca)

