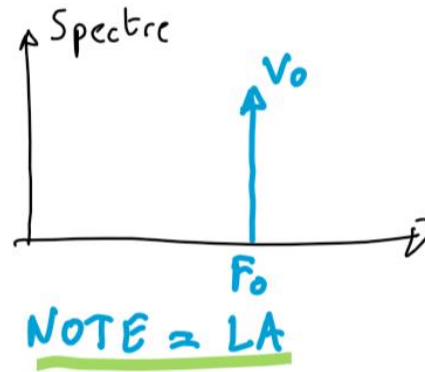
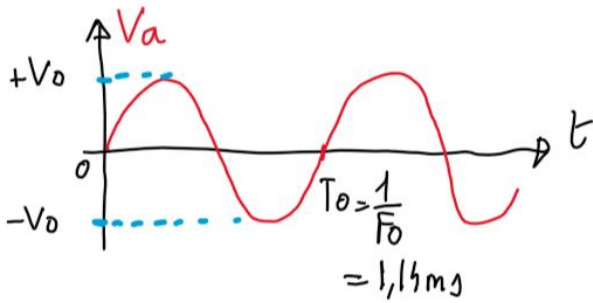


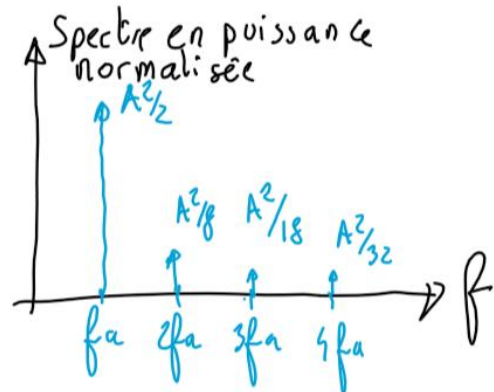
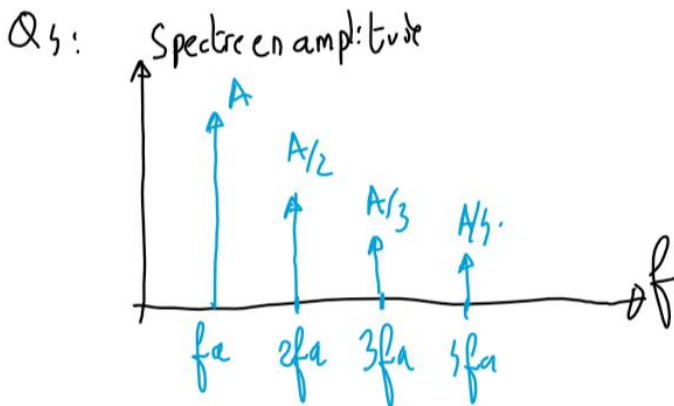
Éléments de correction

Q1: $V_a = V_0 \cdot \sin(2\pi \cdot F_0 \cdot t)$ avec $V_0 = 600\text{mV}$ et $F_0 = 880\text{Hz}$



Q2: $V_{aeFF} = \frac{V_0}{\sqrt{2}} = \underline{424,3\text{mV}}$

Q3: $P = \frac{V_{aeFF}^2}{R} = \frac{V_0^2}{2 \cdot R} = \underline{5,625\text{mW}}$



$$V_{aeFF}^2 = \frac{A^2}{2} + \frac{A^2}{8} + \frac{A^2}{18} + \frac{A^2}{32} = A^2 \cdot \frac{144 + 36 + 16 + 9}{288} = A^2 \cdot \frac{205}{288}$$

$V_{aeFF} = \underline{A \cdot 0,855}$

Q5 Multimetre en position ACV $\Rightarrow \underline{A = 0,71\text{V}}$