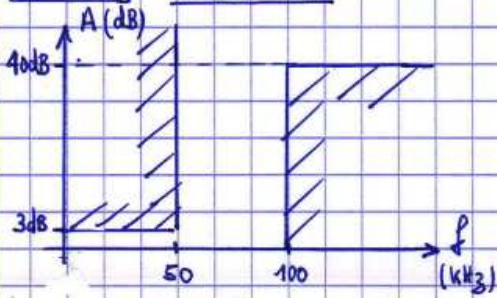
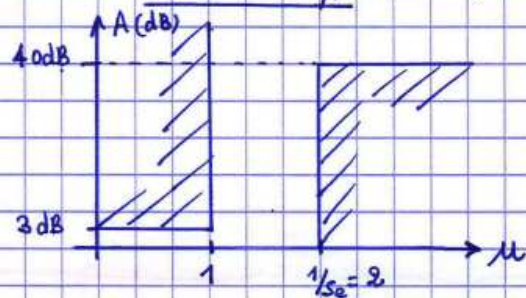


Filtre 1

Gabarit réel



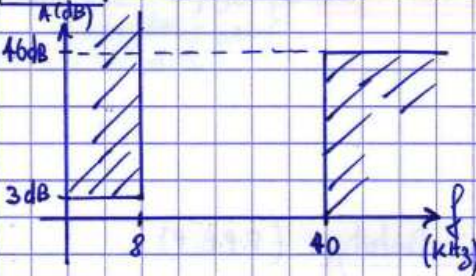
Gabarit Prototype (F.P.B.P)



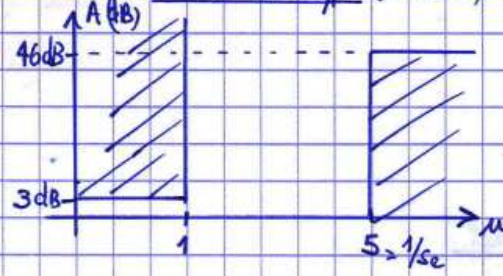
Filtre 1: 1^{er} ordre + sélection (1^{er})

Filtre 2

Gabarit réel



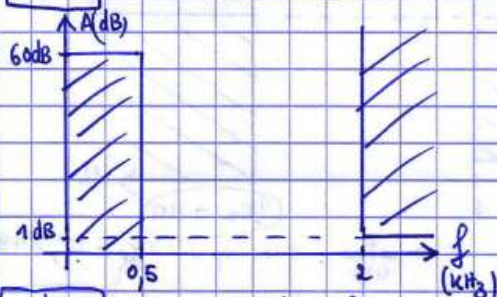
Gabarit Prototype (F.P.B.P)



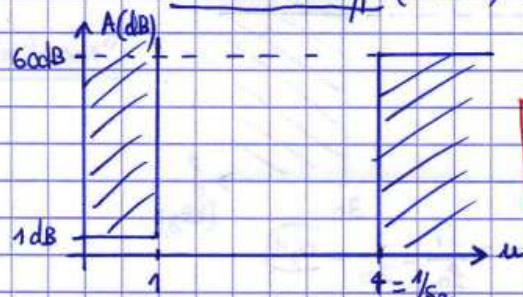
Filtre 2: 3^{ème} ordre + sélection

Filtre 3

Gabarit réel



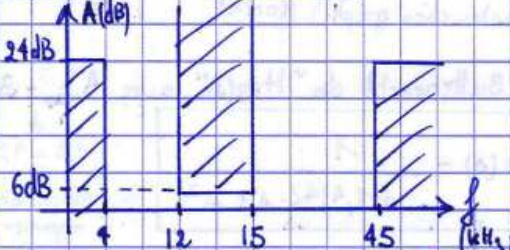
Gabarit Prototype (F.P.B.P)



Filtre 3: 2nd ordre + sélection

Filtre 4

Gabarit réel



Gabarit Prototype



Filtre 4: Filtre - sélection

$$k_{low} = \frac{f_{p+}}{f_{p-}} = \frac{4}{12} = 0,333 ; k_{high} = \frac{f_{p+}}{f_{p-}} = \frac{15}{45} = 0,333 \Rightarrow \text{Filtre symétrique en fréquence} \Rightarrow S_{e(FPB)} = S_{e(réel)}$$