

**Activité expérimentale**

**Étude de l'effet Doppler**

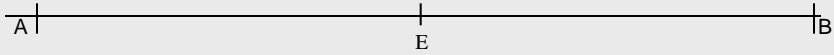
## **Partie 1:**

**L'émetteur placé en E reste immobile.**

**Le récepteur placé en A ou en B reste immobile.**

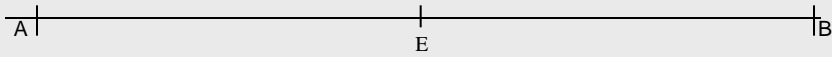
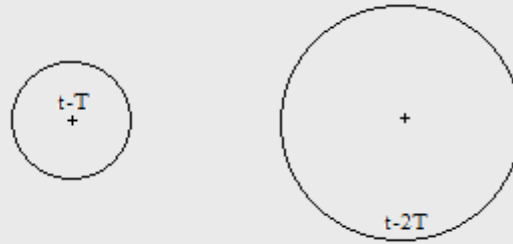
Date:  $t = T$

Échelle:  $\lambda$



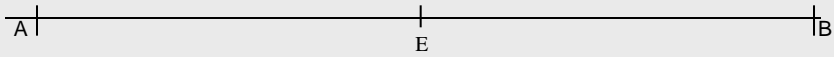
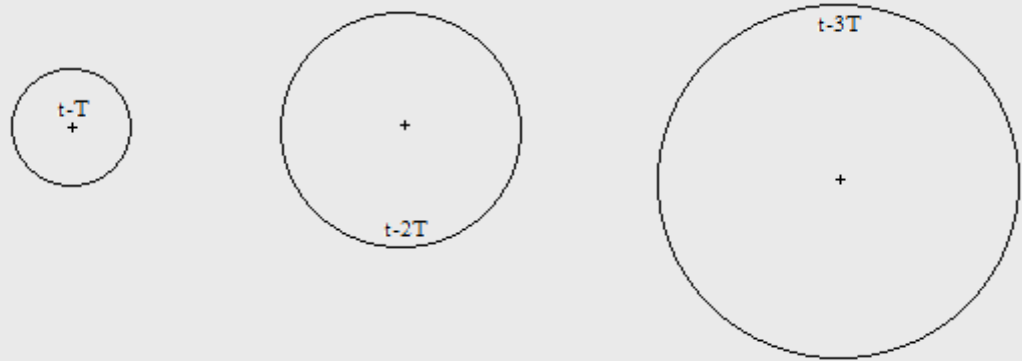
Date:  $t = 2T$

Échelle:  $\lambda$



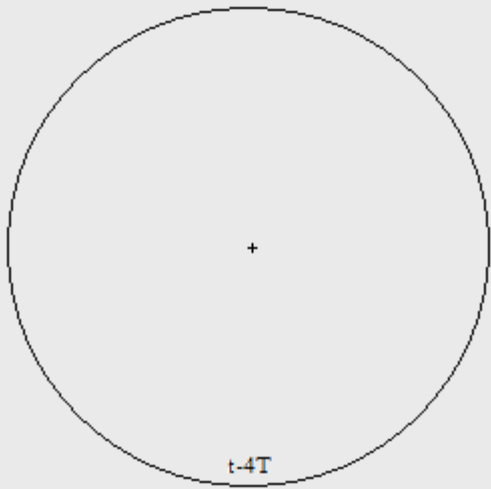
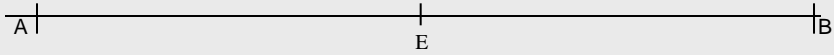
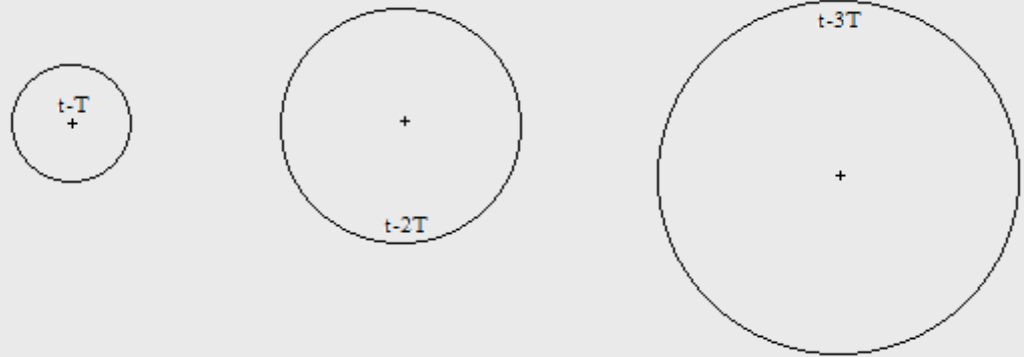
Date:  $t = 3T$

Échelle:  $\overline{\lambda}$



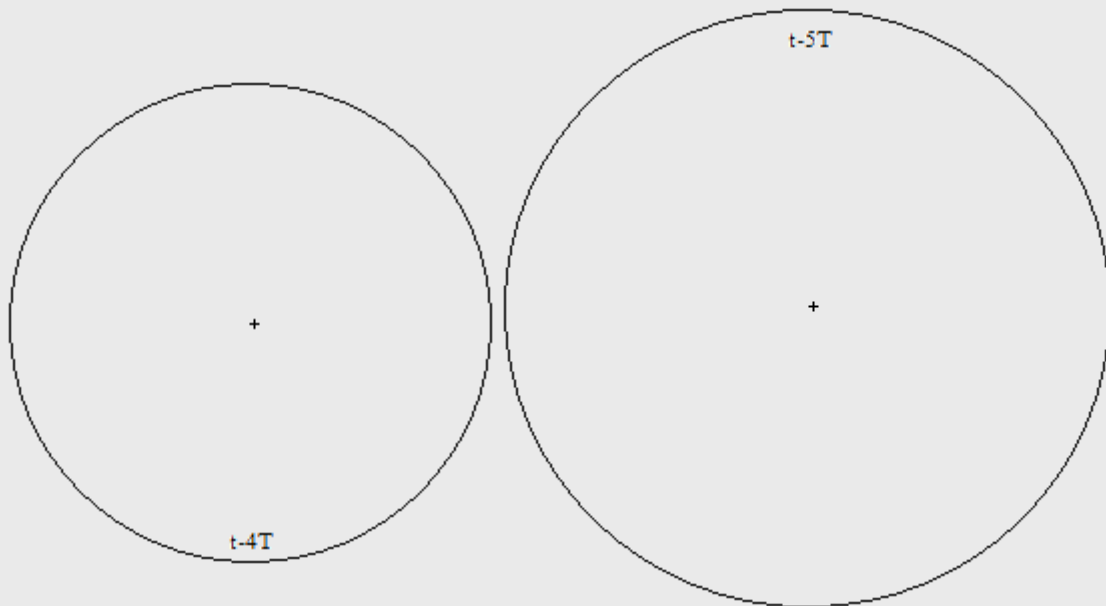
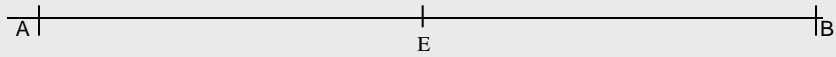
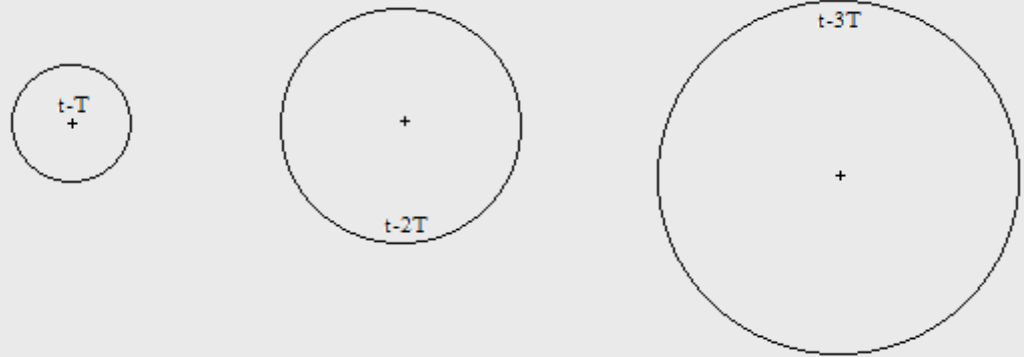
Date:  $t = 4T$

Échelle:  $\overline{\lambda}$



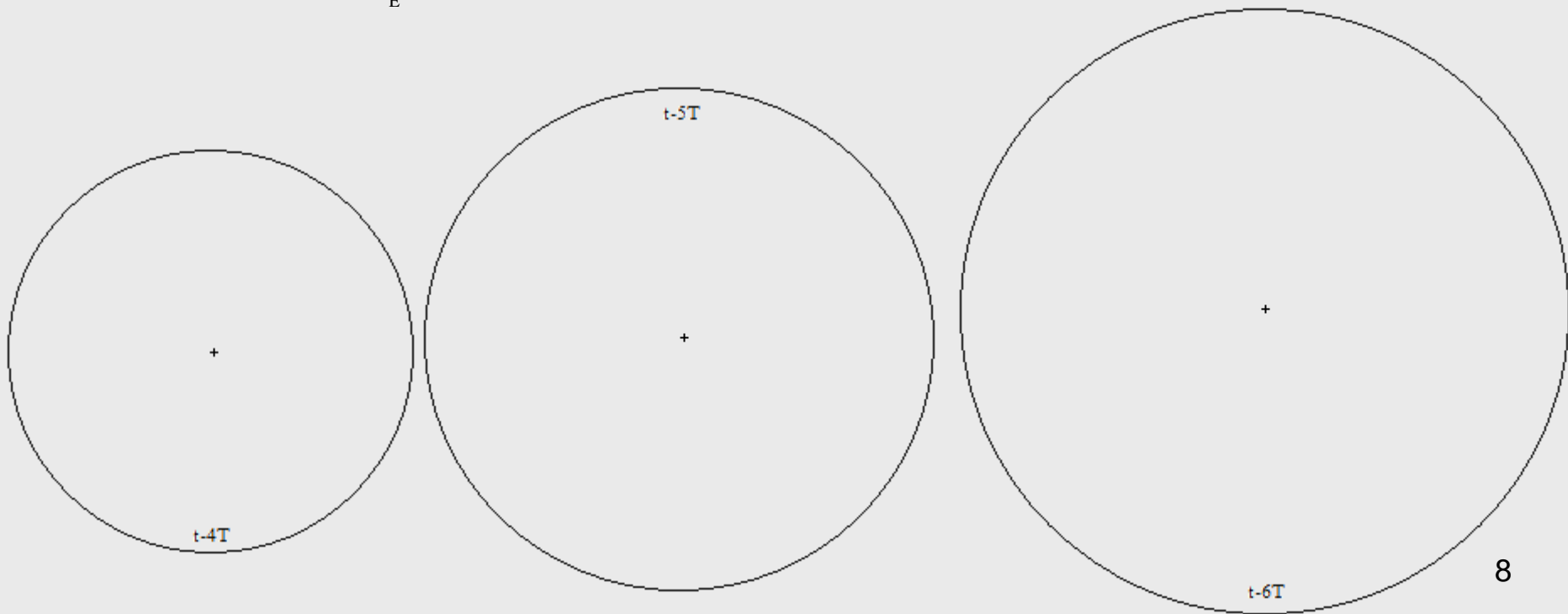
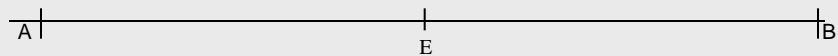
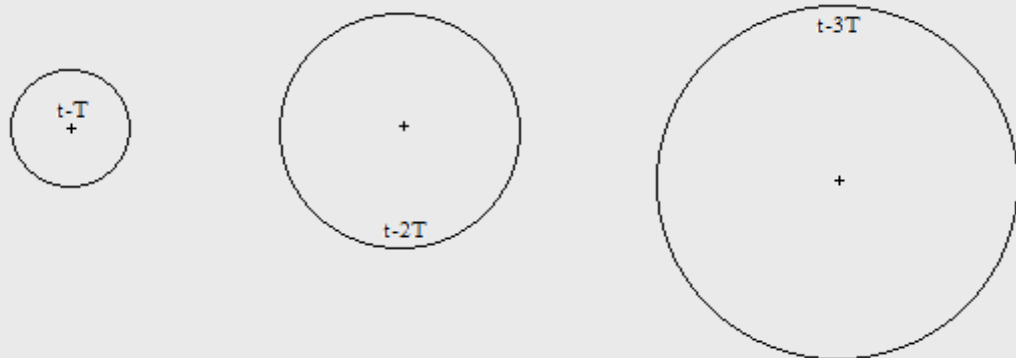
Date:  $t = 5T$

Échelle:  $\lambda$



Date:  $t = 6T$

Échelle:  $\lambda$





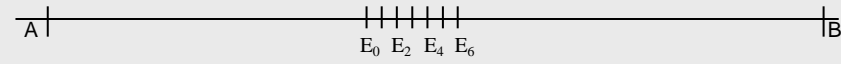
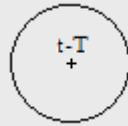
## **Partie 2:**

**L'émetteur se déplace en direction de B,  
à une vitesse proche de  $v_{\text{onde}}/4$ .**

**Le récepteur placé en A ou en B reste immobile.**

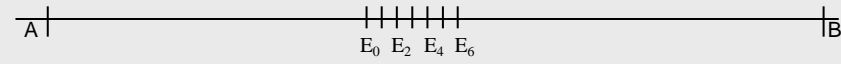
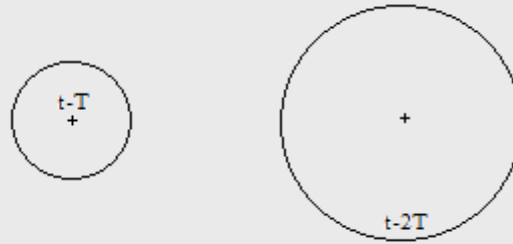
Date:  $t = T$

Échelle:  $\lambda$



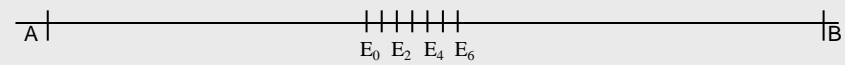
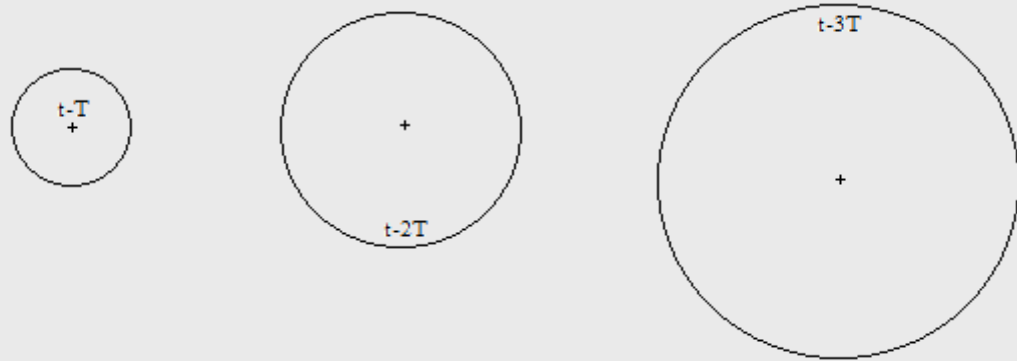
Date:  $t = 2 T$

Échelle:  $\overline{\lambda}$



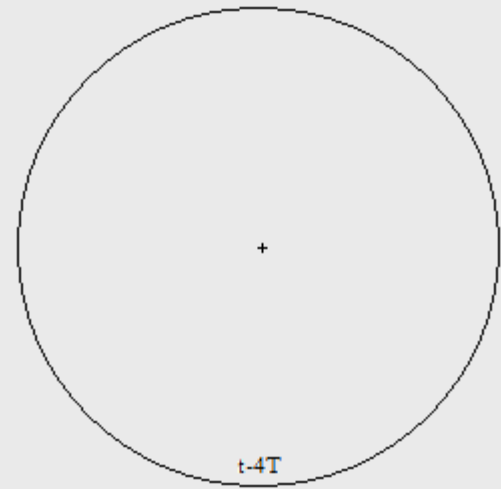
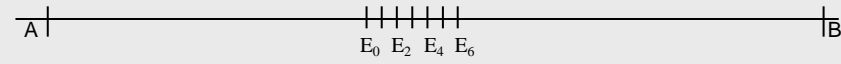
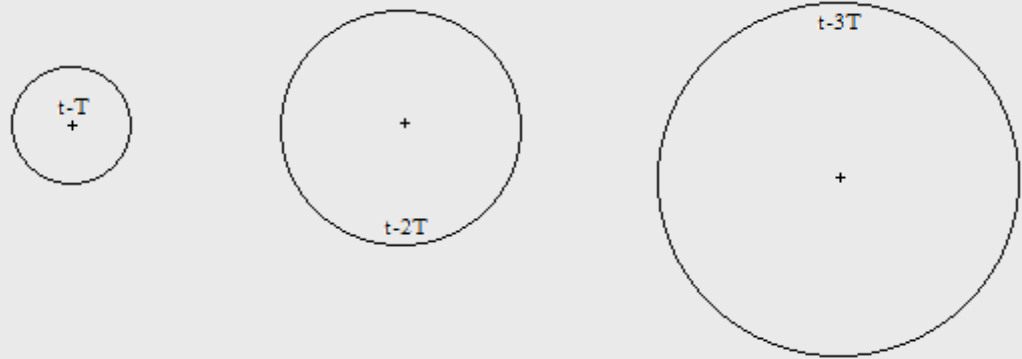
Date:  $t = 3T$

Échelle:  $\overline{\lambda}$



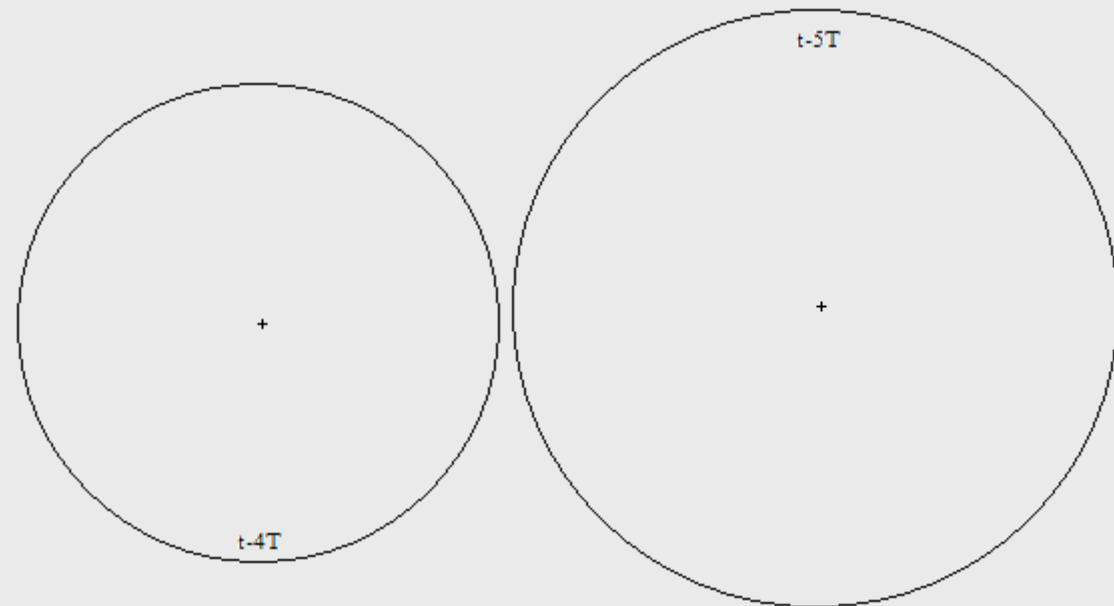
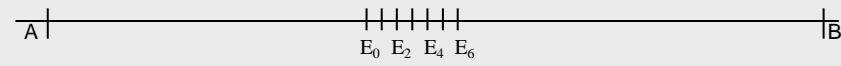
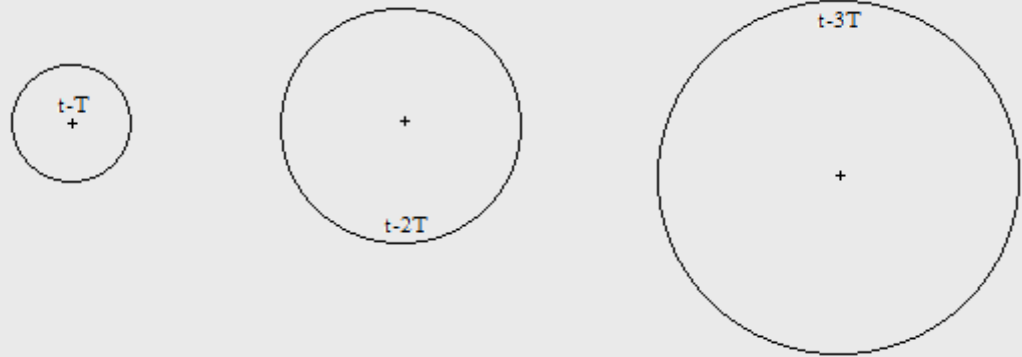
Date:  $t = 4T$

Échelle:  $\lambda$



Date:  $t = 5T$

Échelle:  $\overline{\lambda}$



Date:  $t = 6T$

Échelle:  $\overline{\lambda}$

