

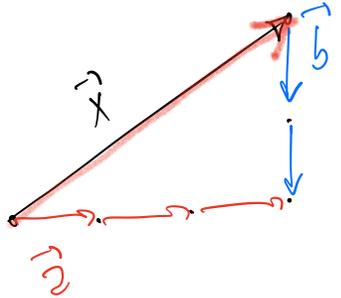
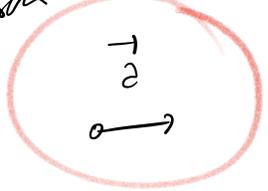
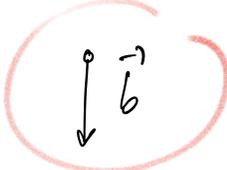
- 1.1.11
- 1.1.13
- 1.1.16

EXERCICES DU JOUR

(À FAIRE POUR MARDI 5 IX)

1.1.11

Exprimer \vec{x} comme combinaison linéaire de \vec{a} et \vec{b}

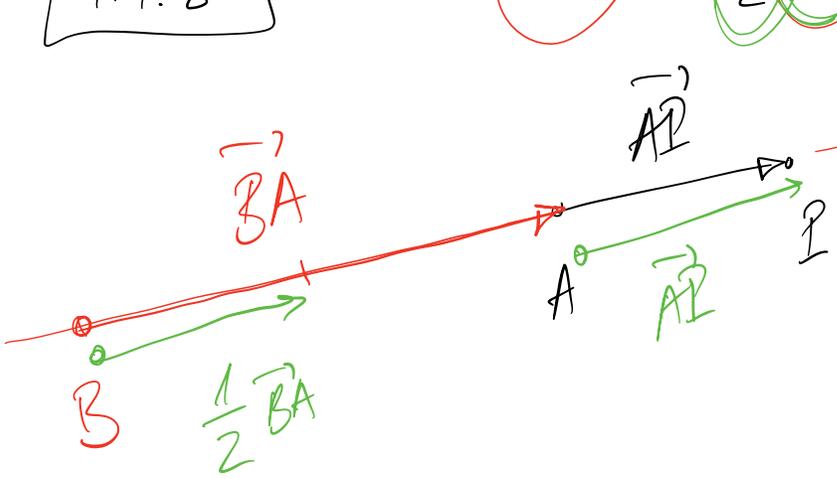


$$\begin{aligned} \vec{x} &= \vec{a} + \vec{a} + \vec{a} + (-\vec{b}) + (-\vec{b}) \\ &= 3\vec{a} - 2\vec{b} \end{aligned}$$

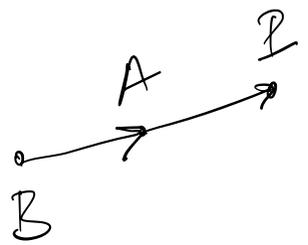
combinaison linéaire

1.1.8

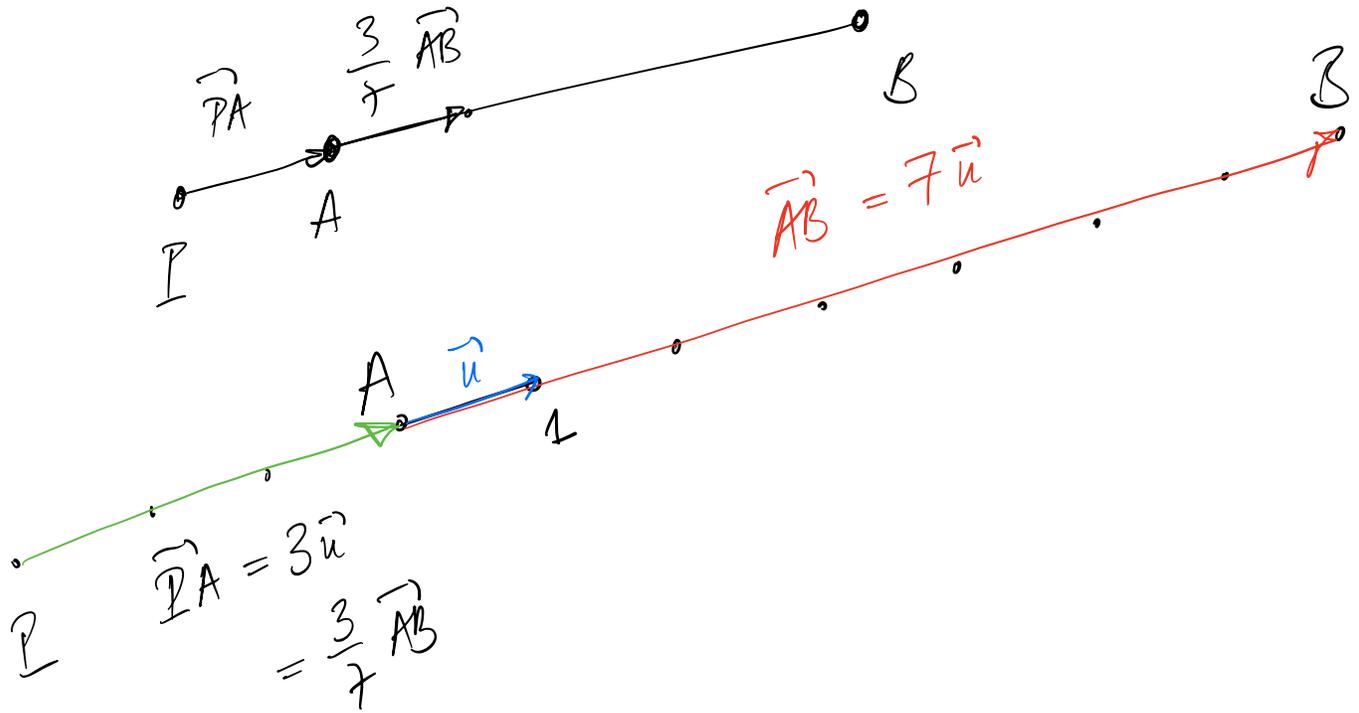
$$\vec{AP} = \frac{1}{2} \vec{BA}$$



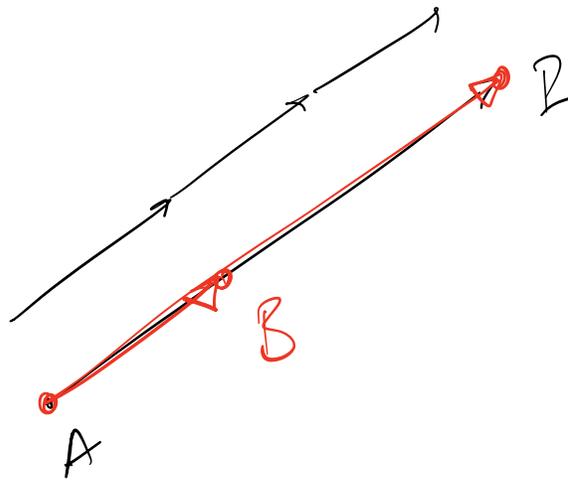
$$\begin{aligned} \vec{AP} &= \frac{1}{2} \vec{AB} \\ \vec{AP} &= -\frac{1}{2} \vec{BA} \end{aligned}$$



$$\vec{PA} = \frac{3}{7} \vec{AB}$$



$$\vec{AR} = 3\vec{AB}$$



$$\vec{AC} + 2\vec{BC} = 2\vec{CA} - 5\vec{CB} + 3\vec{AB}$$

$$\vec{XY} = -\vec{YX}$$

$$\vec{XZ} + \vec{ZY} = \vec{XY}$$