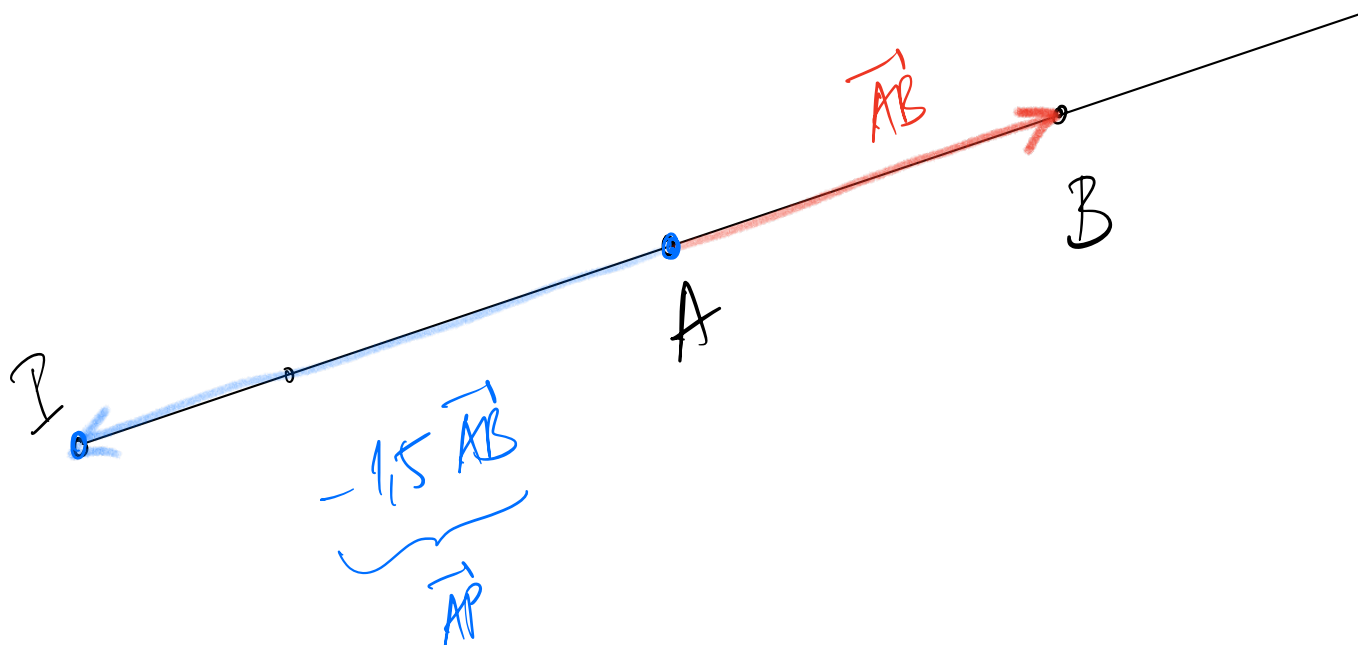


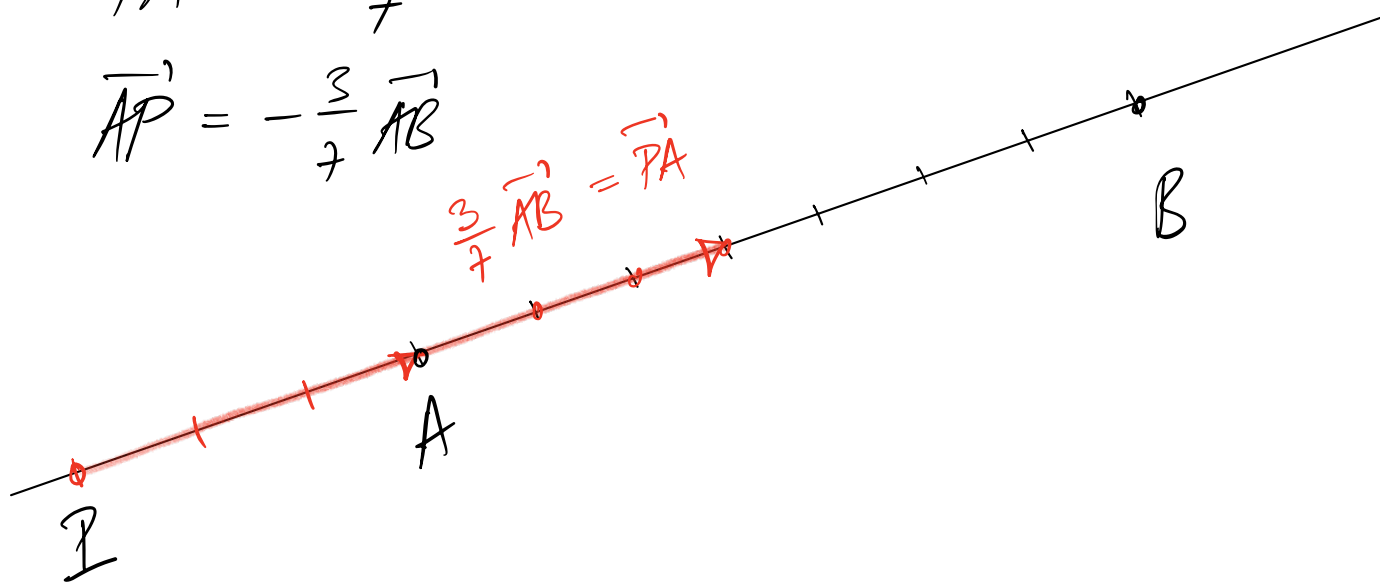
1.1.8

$$\vec{AP} = -1,5 \vec{AB} \quad \text{Relation vektoriell}$$

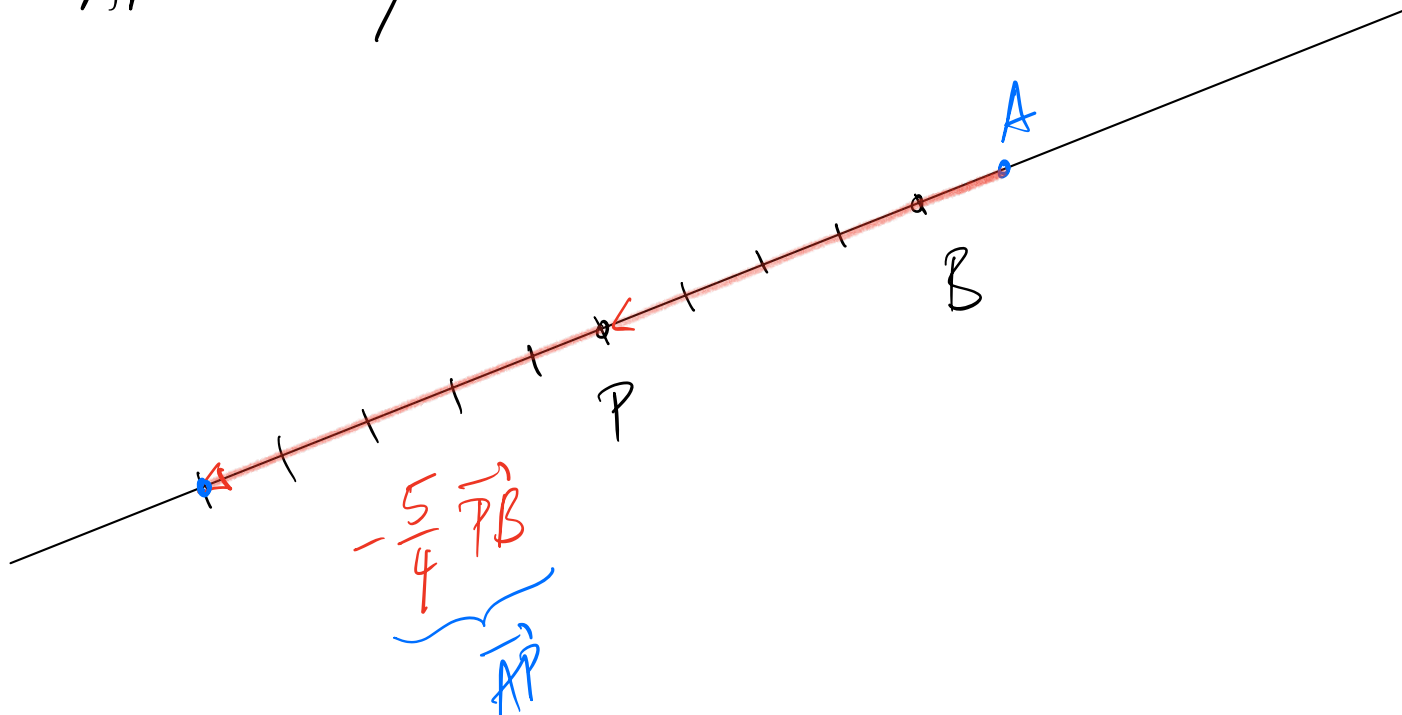


$$\vec{PA} = \frac{3}{7} \vec{AB}$$

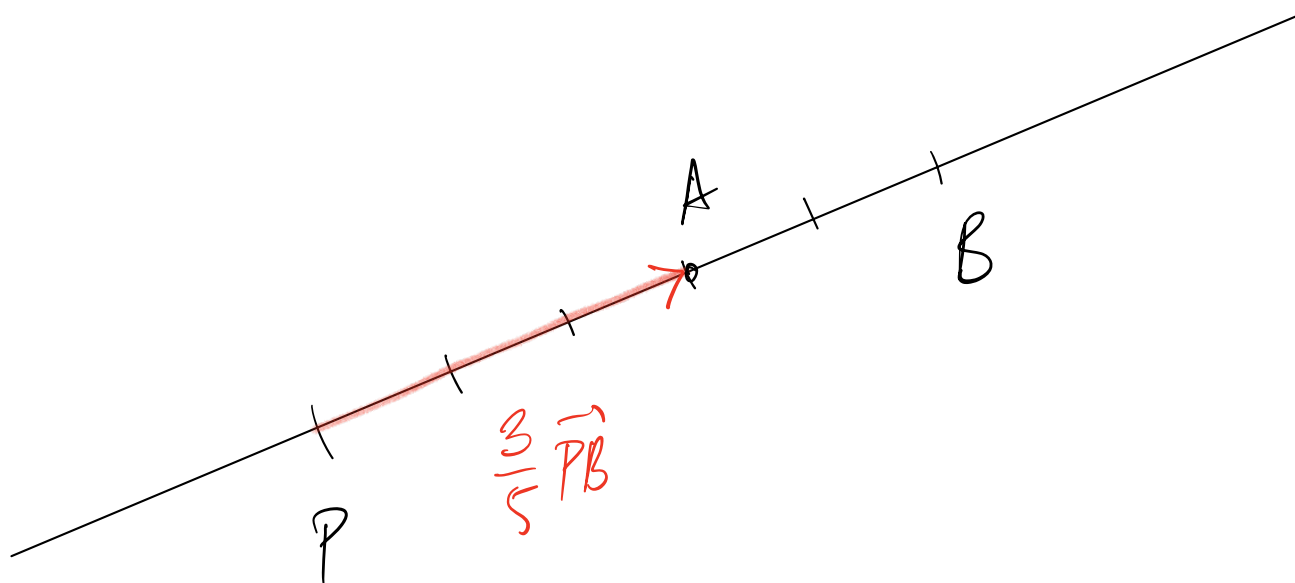
$$\vec{AP} = -\frac{3}{7} \vec{AB}$$



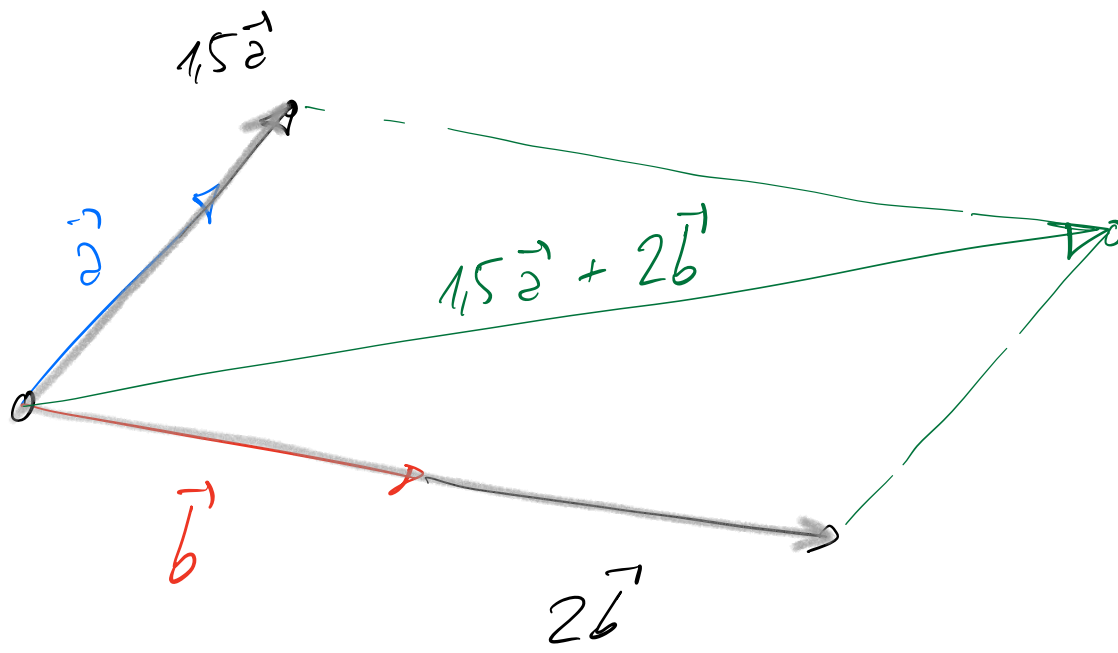
$$\overrightarrow{AP} = -\frac{5}{4} \overrightarrow{PB}$$



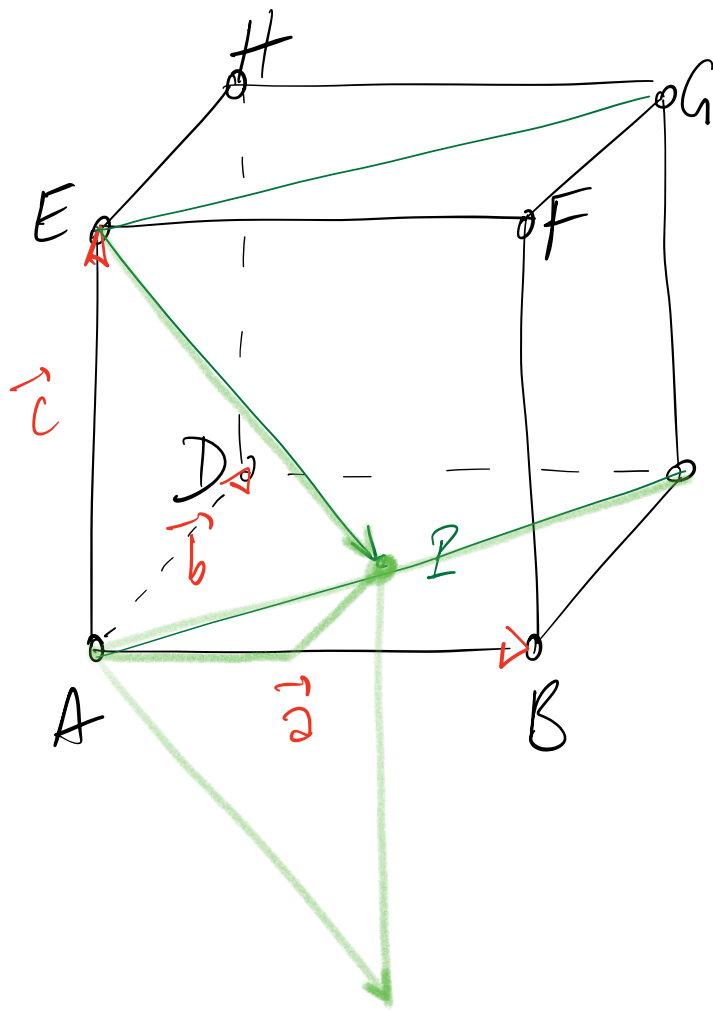
$$\overrightarrow{PA} = -\frac{3}{5} \overrightarrow{BP} = \frac{3}{5} \overrightarrow{PB}$$



Combinações lineares



1.1.13

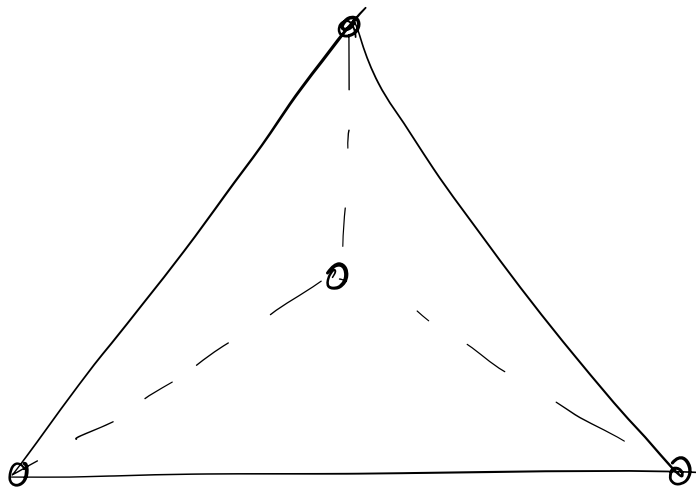


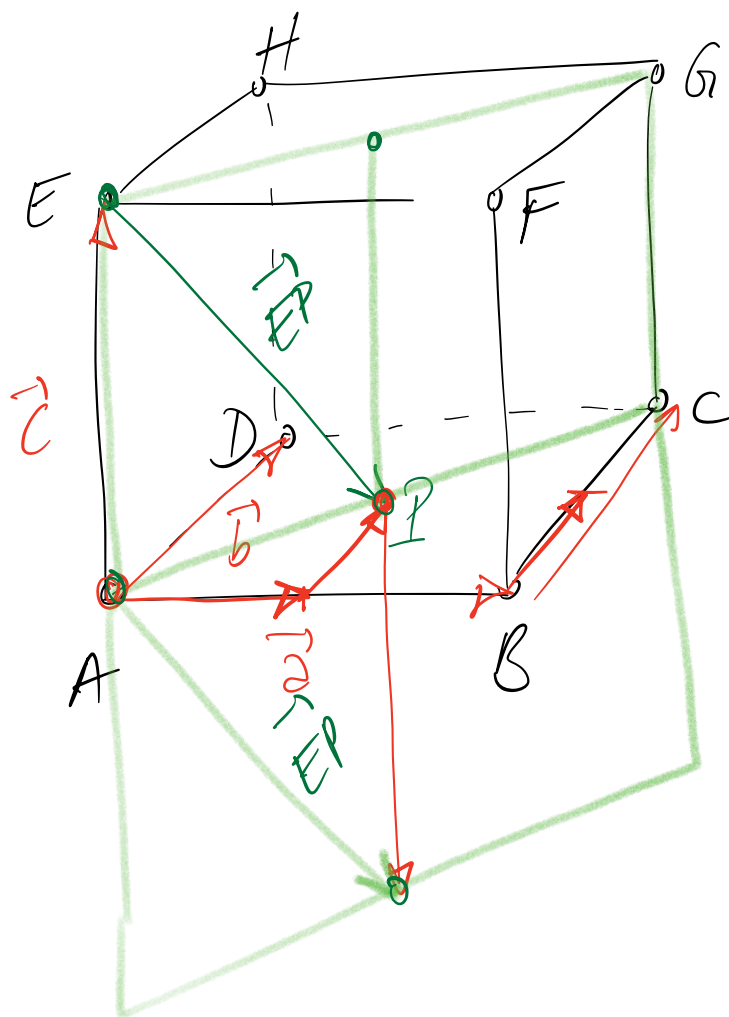
$$\vec{EP} = \vec{EA} + \vec{AP}$$

$$= \vec{EA} + \frac{1}{2} \vec{AC}$$

$$\vec{c} = -\vec{c} + \frac{1}{2}(\vec{a} + \vec{b})$$

$$= \frac{1}{2} \vec{a} + \frac{1}{2} \vec{b} - \vec{c}$$





$$\vec{AP} = \frac{1}{2}\vec{a} + \frac{1}{2}\vec{b}$$

$$\begin{aligned}\vec{EP} &= \vec{EA} + \vec{AP} \\ &= -\vec{c} + \vec{AP} \\ &= -\vec{c} + \frac{1}{2}\vec{a} + \frac{1}{2}\vec{b}\end{aligned}$$