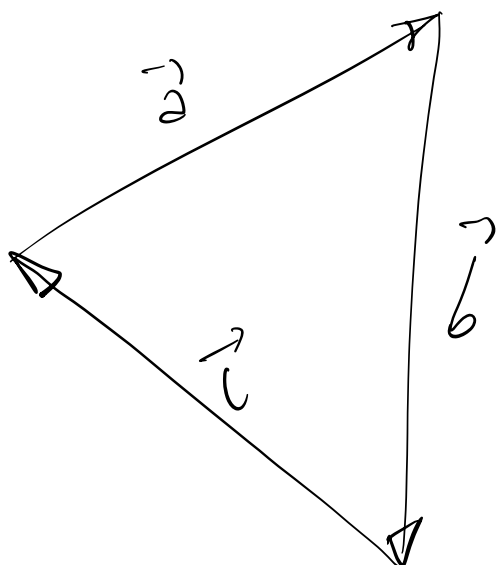
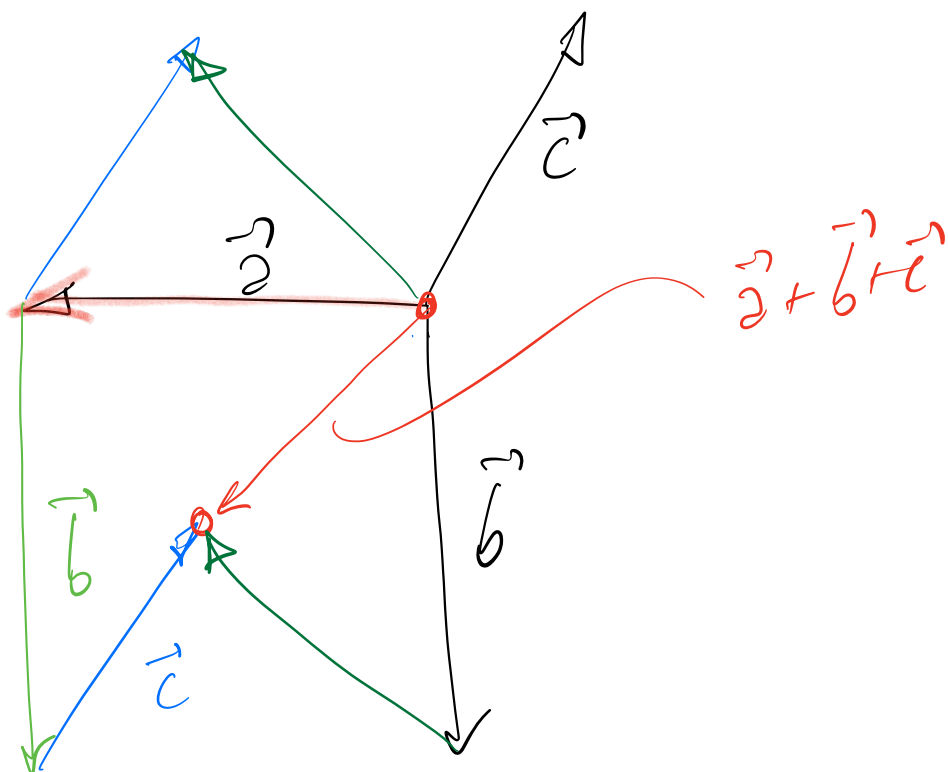
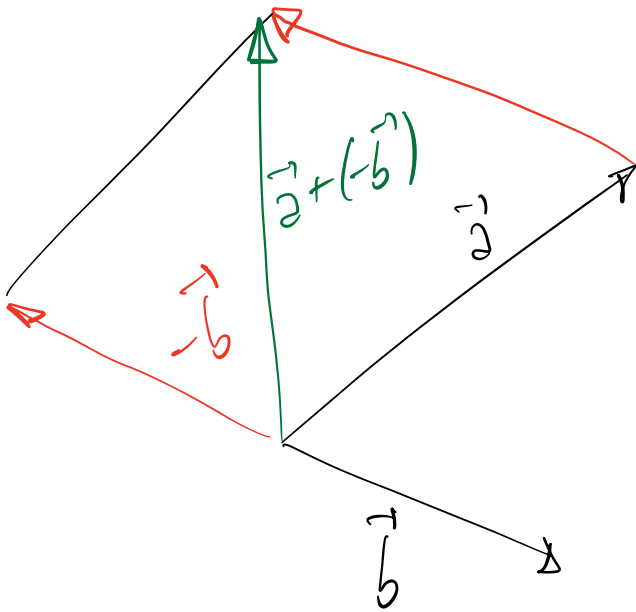
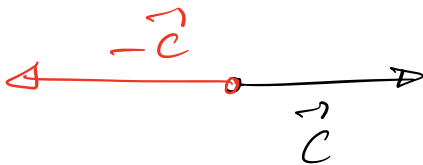




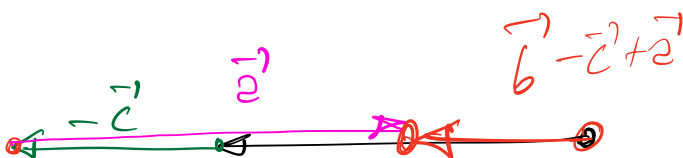
$$\vec{a} + \vec{b} + \vec{c} = 0$$



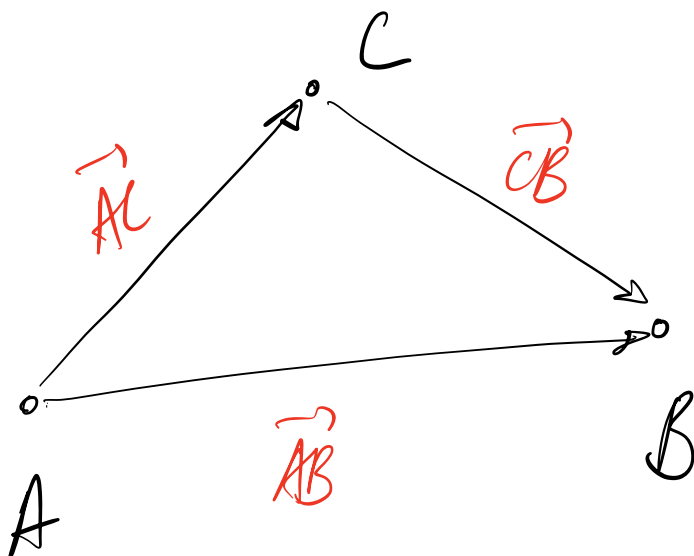
$$\vec{a} - \vec{b} = \vec{a} + (-\vec{b})$$



$$\vec{b} - \vec{c} + \vec{a}$$

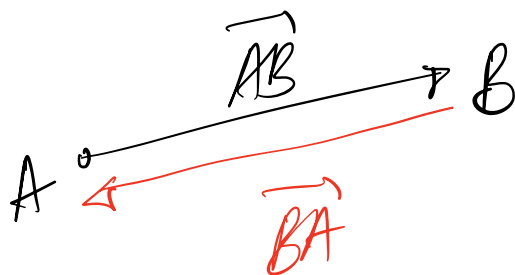


RELATION DE CHASLES



$$\vec{AB} = \vec{AC} + \vec{CB}$$

$$\vec{AA} = \vec{0} = \vec{BB} = \vec{CC} = \vec{XX}$$



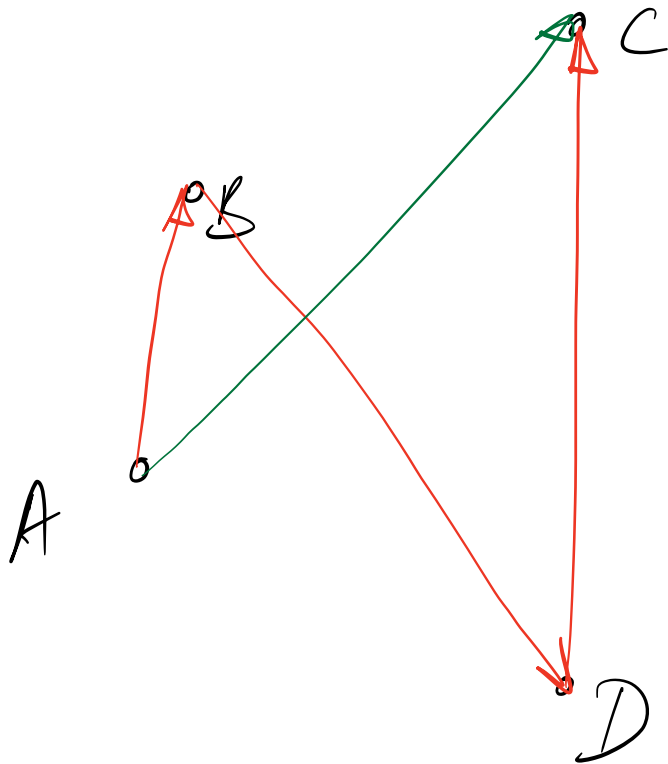
$$\vec{AB} = -\vec{BA}$$

$$-\vec{AB} = \vec{BA}$$

$$\vec{AB} + \vec{BA} + \vec{CD} = \vec{AA} + \vec{CD} = \vec{CD}$$

$$\vec{0} + \vec{u} = \vec{u} + \vec{0} = \vec{u}$$

$$\overrightarrow{BD} + \overrightarrow{AB} + \overrightarrow{DC} = \overrightarrow{AB} + \overrightarrow{BD} + \overrightarrow{DC}$$



$$\overrightarrow{AD} + \overrightarrow{BD} + \overrightarrow{DC} + \overrightarrow{CB}$$

$$\overrightarrow{AD} + \overrightarrow{BD} + \overrightarrow{DB}$$

$$\overrightarrow{AD} + \overrightarrow{BB} = \overrightarrow{AD}$$