

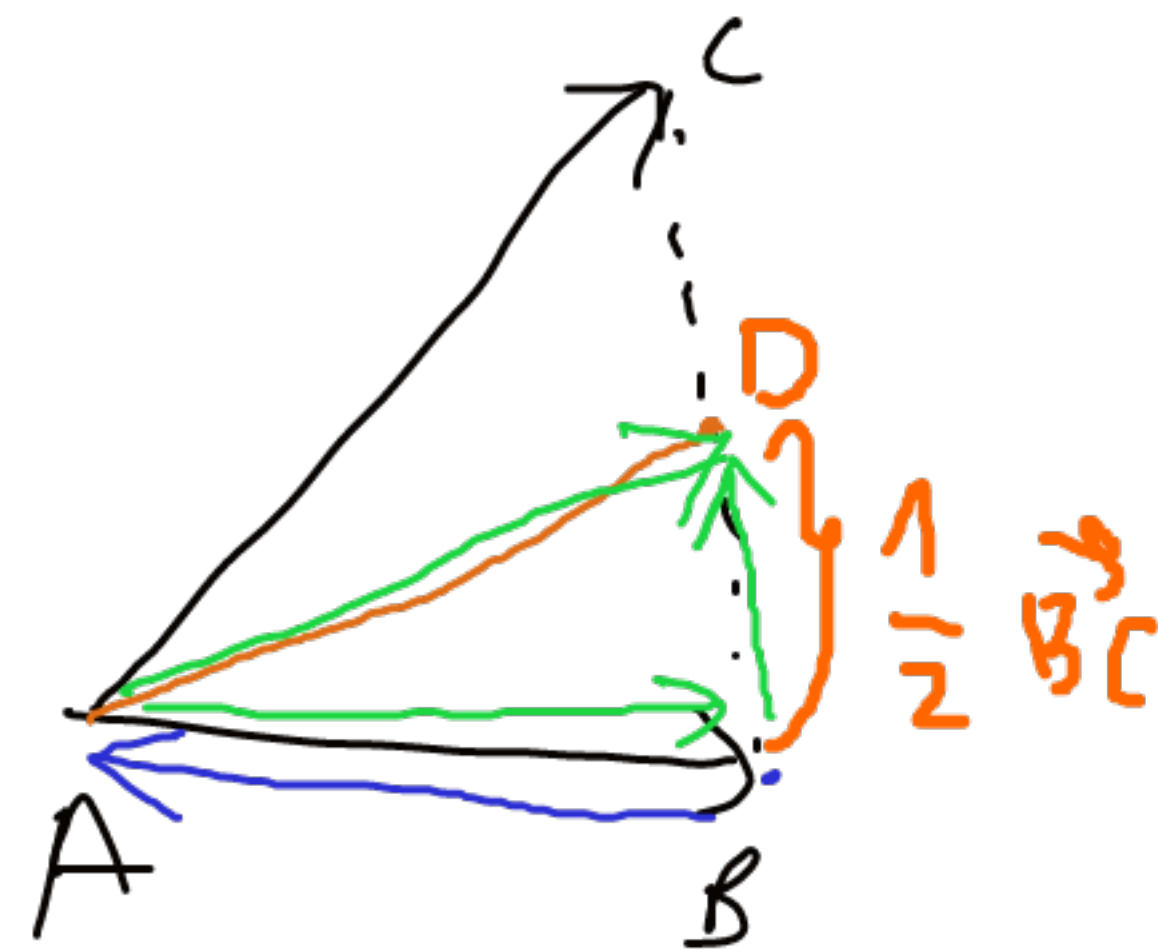
$$3) \quad \vec{AB} = \underline{(2, 0, 2)} \quad \vec{AC} = (0, 2, 4)$$

$$\vec{BC} = (-2, 2, 2)$$

$$\underline{\vec{AB}} + \frac{1}{2} \vec{BC} = \underline{\vec{AD}} = (1, 1, 3)$$

$$\downarrow$$

$$\underline{(-1, 1, 1)}$$



$$\vec{BA} + \vec{AC} = \vec{BC}$$

$$\parallel$$

$$-\vec{AB} = (-2, 0, -2)$$