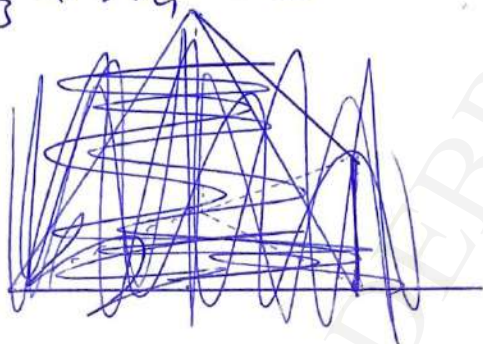


6)

$$n_i = \frac{1}{2} (\vec{a} \times \vec{b})$$

$$n_1 = \frac{1}{2} \cdot (a \times b) \quad n_2 = \frac{1}{2} \cdot (b \times c) \quad n_3 = \frac{1}{2} \cdot (c \times d) \quad n_4 = \frac{1}{2} \cdot (d \times a)$$

$$n_1 + n_2 + n_3 + n_4 = 0$$



Tetrahedron

