

3.8 1)

$$\text{Είναι } \overrightarrow{\Delta\text{E}} = \overrightarrow{\Delta\Gamma} + \overrightarrow{\Gamma\text{E}} \quad \begin{matrix} \overrightarrow{\Delta\Gamma} = \vec{\alpha}, \overrightarrow{\Gamma\text{E}} = \frac{2}{3}\overrightarrow{\Gamma\text{B}} \\ \vec{\alpha} + \frac{2}{3}\overrightarrow{\Gamma\text{B}} = \vec{\alpha} - \frac{2}{3}\overrightarrow{\text{B}\Gamma} \end{matrix} \quad \begin{matrix} \overrightarrow{\text{B}\Gamma} = \vec{\beta} \\ = \vec{\alpha} - \frac{2}{3}\vec{\beta} \end{matrix}$$

3.8 2)

$$\text{Είναι } \overrightarrow{\text{B}\text{E}} = \overrightarrow{\text{B}\Gamma} + \overrightarrow{\Gamma\text{E}} \quad \begin{matrix} \overrightarrow{\text{B}\Gamma} = \vec{\beta}, \overrightarrow{\Gamma\text{E}} = \frac{3}{8}\overrightarrow{\Gamma\Delta} \\ \vec{\beta} + \frac{3}{8}\overrightarrow{\Gamma\Delta} = \vec{\beta} + \frac{3}{8}\overrightarrow{\text{B}\text{A}} \end{matrix} \quad \begin{matrix} \overrightarrow{\text{B}\text{A}} = -\vec{\alpha} \\ = \vec{\beta} - \frac{3}{8}\vec{\alpha} \end{matrix}$$