

1 α) $\overrightarrow{A\Delta} = \frac{1}{3}\vec{\alpha}$

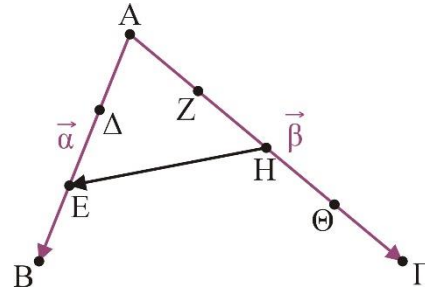
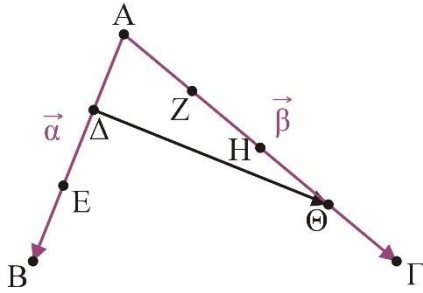
β) $\overrightarrow{\Theta H} = -\frac{1}{4}\vec{\beta}$

γ) $\overrightarrow{B\Delta} = -\frac{2}{3}\vec{\alpha}$

δ) $\overrightarrow{\Gamma Z} = -\frac{3}{4}\vec{\beta}$

ε) $\overrightarrow{\Delta\Theta} = \overrightarrow{\Delta A} + \overrightarrow{A\Theta} = -\frac{1}{3}\vec{\alpha} + \frac{3}{4}\vec{\beta}$

στ) $\overrightarrow{HE} = \overrightarrow{HA} + \overrightarrow{AE} = -\frac{1}{2}\vec{\beta} + \frac{2}{3}\vec{\alpha}$



2 $\overrightarrow{AZ} = \frac{1}{4}\vec{\beta}$

3 $\overrightarrow{AE} = \frac{2}{3}\vec{\alpha}$

4 $\overrightarrow{BE} = -\frac{1}{3}\vec{\alpha}$

5 $\overrightarrow{\Theta Z} = -\frac{1}{2}\vec{\beta}$

6 $\overrightarrow{E\Gamma} = \overrightarrow{EA} + \overrightarrow{A\Gamma} = -\frac{2}{3}\vec{\alpha} + \vec{\beta}$

7 $\overrightarrow{BH} = \overrightarrow{BA} + \overrightarrow{AH} = -\vec{\alpha} + \frac{1}{2}\vec{\beta}$

8 $\overrightarrow{\Theta E} = \overrightarrow{\Theta A} + \overrightarrow{AE} = -\frac{3}{4}\vec{\alpha} + \frac{2}{3}\vec{\beta}$

9 $\overrightarrow{H\Delta} = \overrightarrow{HA} + \overrightarrow{A\Delta} = -\frac{1}{2}\vec{\beta} + \frac{1}{3}\vec{\alpha}$

10 $\overrightarrow{ZE} = \overrightarrow{ZA} + \overrightarrow{AE} = -\frac{1}{4}\vec{\beta} + \frac{2}{3}\vec{\alpha}$

11 $\overrightarrow{\Gamma\Delta} = \overrightarrow{\Gamma A} + \overrightarrow{A\Delta} = -\vec{\beta} + \frac{1}{3}\vec{\alpha}$