ΛΥΣΗ

α) $\overrightarrow{\Delta\Gamma} = 4\overrightarrow{\Delta K} = 4\vec{\alpha}$.

β) $\overrightarrow{M A} = \overrightarrow{M\Delta} + \overrightarrow{\Delta A} = -3\vec{\alpha} + \vec{\beta}$.

γ) $\overrightarrow{O\Delta} = \overrightarrow{O\Lambda} + \overrightarrow{\Lambda\Delta} = -\frac{1}{2}\vec{\beta} - 2\vec{\alpha}$.