17.8

$$\alpha'\ \text{μέλος} = \frac{1}{\eta\mu^2\theta} + \frac{1}{\varepsilon\varphi^2\theta} = \frac{1}{\eta\mu^2\theta} - \frac{1}{\left(\frac{\eta\mu\theta}{\sigma\upsilon\nu\theta}\right)^2} = \frac{1}{\eta\mu^2\theta} - \frac{1}{\frac{\eta\mu^2\theta}{\sigma\upsilon\nu^2\theta}} =$$

$$= \frac{1}{\eta\mu^2\theta} - \frac{\sigma\upsilon\nu^2\theta}{\eta\mu^2\theta} = \frac{1-\sigma\upsilon\nu^2\theta}{\eta\mu^2\theta} = \frac{\eta\mu^2\theta}{\eta\mu^2\theta} = 1 =$$

$$= \beta'\ \text{μέλος}$$