

17.15

$$\begin{aligned}\alpha' \text{ μέλος} &= \eta\mu^2\omega \cdot \varepsilon\varphi\omega + \sigma\upsilon\nu^2\omega \cdot \sigma\varphi\omega + 2\eta\mu\omega \cdot \sigma\upsilon\nu\omega = \\&= \eta\mu^2\omega \cdot \frac{\eta\mu\omega}{\sigma\upsilon\nu\omega} + \sigma\upsilon\nu^2\omega \cdot \frac{\sigma\upsilon\nu\omega}{\eta\mu\omega} + 2\eta\mu\omega \cdot \sigma\upsilon\nu\omega = \\&= \eta\mu^2\omega \cdot \frac{\eta\mu\omega}{\sigma\upsilon\nu\omega} + \eta\mu\omega \cdot \sigma\upsilon\nu\omega + \sigma\upsilon\nu^2\omega \cdot \frac{\sigma\upsilon\nu\omega}{\eta\mu\omega} + \eta\mu\omega \cdot \sigma\upsilon\nu\omega = \\&= \eta\mu\omega \left(\frac{\eta\mu^2\omega}{\sigma\upsilon\nu\omega} + \sigma\upsilon\nu\omega \right) + \sigma\upsilon\nu\omega \left(\frac{\sigma\upsilon\nu^2\omega}{\eta\mu\omega} + \eta\mu\omega \right) = \\&= \eta\mu\omega \left(\frac{\eta\mu^2\omega + \sigma\upsilon\nu^2\omega}{\sigma\upsilon\nu\omega} \right) + \sigma\upsilon\nu\omega \left(\frac{\sigma\upsilon\nu^2\omega + \eta\mu^2\omega}{\eta\mu\omega} \right) = \\&= \eta\mu\omega \cdot \frac{1}{\sigma\upsilon\nu\omega} + \sigma\upsilon\nu\omega \cdot \frac{1}{\eta\mu\omega} = \varepsilon\varphi\omega + \sigma\varphi\omega = \\&= \beta' \text{ μέλος}\end{aligned}$$