

3.3 ΑΝΑΓΩΓΗ ΣΤΟ 1° ΤΕΤΑΡΤΗΜΟΡΙΟ

Γωνίες αντίθετες

$$\sin(-\omega) = \sin\omega \qquad \eta\mu(-\omega) = -\eta\mu\omega$$

$$\epsilon\varphi(-\omega) = -\epsilon\varphi\omega \qquad \sigma\varphi(-\omega) = -\sigma\varphi\omega$$

Γωνίες με άθροισμα 180°

$$\eta\mu(180^\circ - \omega) = \eta\mu\omega \qquad \sin(180^\circ - \omega) = -\sin\omega$$

$$\epsilon\varphi(180^\circ - \omega) = -\epsilon\varphi\omega \qquad \sigma\varphi(180^\circ - \omega) = -\sigma\varphi\omega$$

Γωνίες που διαφέρουν κατά 180°

$$\eta\mu(180^\circ + \omega) = -\eta\mu\omega \qquad \sin(180^\circ + \omega) = -\sin\omega$$

$$\epsilon\varphi(180^\circ + \omega) = \epsilon\varphi\omega \qquad \sigma\varphi(180^\circ + \omega) = \sigma\varphi\omega$$

Γωνίες με άθροισμα 90°

$$\eta\mu(90^\circ - \omega) = \sigma\upsilon\nu\omega$$

$$\sigma\upsilon\nu(90^\circ - \omega) = \eta\mu\omega$$

$$\varepsilon\varphi(90^\circ - \omega) = \sigma\varphi\omega$$

$$\sigma\varphi(90^\circ - \omega) = \varepsilon\varphi\omega$$