

Λύση: Ο νόμος των συνημιτόνων

$$\alpha^2 = (\beta\eta\mu\theta)^2 + (\gamma - \beta\sigma\upsilon\nu\theta)^2 = \beta^2\eta\mu^2\theta + \gamma^2 - 2\beta\gamma\sigma\upsilon\nu\theta + \beta^2\sigma\upsilon\nu^2\theta = \beta^2(\eta\mu^2\theta + \sigma\upsilon\nu^2\theta) + \gamma^2 - 2\beta\gamma\sigma\upsilon\nu\theta = \beta^2 + \gamma^2 - 2\beta\gamma\sigma\upsilon\nu\theta$$

