

Έστω $A(\alpha, \beta)$, $B(\gamma, \delta)$, $\Gamma(\varepsilon, \zeta)$, $\Delta(\eta, \theta)$ οι κορυφές του $AB\Gamma\Delta$ και

$M_1(\kappa_1, \lambda_1)$, $M_2(\kappa_2, \lambda_2)$, $M_3(\kappa_3, \lambda_3)$, $M_4(\kappa_4, \lambda_4)$ τα μέσα των $AB, B\Gamma, \Gamma\Delta, \Delta A$ αντίστοιχα. Τότε είναι:

$$M_1(\kappa_1, \lambda_1) = M_1\left(\frac{\alpha + \gamma}{2}, \frac{\beta + \delta}{2}\right)$$

$$M_2(\kappa_2, \lambda_2) = M_2\left(\frac{\gamma + \varepsilon}{2}, \frac{\delta + \zeta}{2}\right)$$

$$M_3(\kappa_3, \lambda_3) = M_3\left(\frac{\varepsilon + \eta}{2}, \frac{\theta + \zeta}{2}\right)$$

$$M_4(\kappa_4, \lambda_4) = M_4\left(\frac{\alpha + \eta}{2}, \frac{\beta + \theta}{2}\right)$$

$$\text{Είναι } \kappa_1 + \kappa_3 = \frac{\alpha + \gamma}{2} + \frac{\varepsilon + \eta}{2} \quad \text{και} \quad \kappa_2 + \kappa_4 = \frac{\gamma + \varepsilon}{2} + \frac{\alpha + \eta}{2}$$

$$\text{Οπότε } \kappa_1 + \kappa_3 = \kappa_2 + \kappa_4$$

$$\text{Επίσης } \lambda_1 + \lambda_3 = \frac{\beta + \delta}{2} + \frac{\theta + \zeta}{2} \quad \text{και} \quad \lambda_2 + \lambda_4 = \frac{\delta + \zeta}{2} + \frac{\beta + \theta}{2}$$

$$\text{Οπότε } \lambda_1 + \lambda_3 = \lambda_2 + \lambda_4$$