

$$\frac{1}{2} \left( \frac{(k - \lambda_2) (h + \lambda_2)}{(\gamma_1 + \lambda_2) (\gamma_2 + \lambda_2) (\lambda_1 - \lambda_2)} - \frac{\gamma_2^2 - h^2}{\gamma_2^2 (\gamma_1 + \gamma_2)} - \frac{k^2 + \lambda_1 \lambda_2}{\lambda_1 \lambda_2 (\lambda_1 + \lambda_2)} - \frac{(k - \lambda_1) (h + \lambda_1)}{(\gamma_1 + \lambda_1) (\gamma_2 + \lambda_1) (\lambda_1 - \lambda_2)} - \frac{h^2}{\gamma_1 \gamma_2^2} \right) \quad (1)$$

$$\frac{(h + l1) (k - l1)}{(g1 + l1) (g2 + l1) (l1 - l2)} - \frac{g1^2 - h^2}{g1^2 (g1 + g2)} - \frac{k^2 + l1 l2}{l1 l2 (l1 + l2)} - \frac{h^2}{g1^2 g2} + \frac{(h + l2) (k - l2)}{(g1 + l2) (g2 + l2) (l1 - l2)} \quad (2)$$

$$\frac{k^2 - l1^2}{2 l1^2 (l1 + l2)} - \frac{k^2}{2 l1^2 l2} - \frac{(h + k)^2}{(e2 + l2)^2 (2 e1 + 2 l1)} - \frac{e2^2 + 2 e2 l2 - h^2 - 2 h k - k^2 + l2^2}{2 (e2 + l2)^2 (e1 + e2 + l1 + l2)} - \frac{(2 k - 2 l2) (h + k + l2)}{(e1 + 2 l2) (e2 + 2 l2) (e1 + l1 + l2)} \quad (3)$$