$$= \alpha_2^* \qquad \text{fmin } \alpha$$

$$= \left(\frac{\mu}{\mu(\lambda_{11}\lambda_{22}-\lambda_{12}^2)}\right)^2 \Big(\; / \; + d_1(\alpha)(\lambda_{11}\lambda_{22}-\lambda_{12}^2)(\lambda_{12}d_2 - \lambda_{22}d_1)$$

$$+ d_2\alpha(\lambda_{11}\lambda_{22}-\lambda_{12}^2)(\lambda_2 d_1 - \lambda_{11}d_2)$$

$$+ \frac{1}{2}\alpha(\lambda_{12}d_2 - \lambda_{22}d_1)^2 + \alpha(\lambda_{12}d_2 - \lambda_{22}d_1)(\lambda_{12}d_1 - \lambda_{11}d_2)$$

$$+ \frac{1}{2}\alpha(\lambda_{12}d_1 - \lambda_{11}d_2)^2.$$