

(IV)

$$\begin{aligned} \theta > 2\omega_1 & \quad y(\theta) = 0 \\ \therefore y(\theta) &= \begin{cases} 0 & , \theta < -2\omega_1 \\ h_1^2 [\theta + 2\omega_1] & , -2\omega_1 < \theta < 0 \\ h_1^2 [2\omega_1 - \theta] & , 0 < \theta < 2\omega_1 \\ 0 & , \theta > 2\omega_1 \end{cases} \end{aligned}$$

