$$G(s) = \frac{k\omega_2^2\omega_3^2\omega_5^2(s^2 + 2\zeta_1\omega_1 s + \omega_1^2)(s^2 + 2\zeta_4\omega_4 s + \omega_4^2)e^{-s\tau}}{\omega_1^2\omega_4^2(s^2 + 2\zeta_2\omega_2 s + \omega_2^2)(s^2 + 2\zeta_3\omega_3 s + \omega_3^2)(s^2 + 2\zeta_5\omega_5 s + \omega_5^2)},$$

with $\omega_i = 2\pi f_i$, $k = 5$,

$$f_1 = 2.4 \text{ kHz}, \quad f_2 = 2.6 \text{ kHz}, \quad f_3 = 6.5 \text{ kHz}, \quad f_4 = 8.3 \text{ kHz}, \quad f_5 = 9.3 \text{ kHz},$$
$$\zeta_1 = 0.03, \quad \zeta_2 = 0.03, \quad \zeta_3 = 0.042, \quad \zeta_4 = 0.025, \quad \zeta_5 = 0.032,$$