g.3.

$$T(j\omega) = -j\omega R_2 C_1 \cdot \frac{1}{1+j\omega R_1 C_1} \cdot \frac{1}{1+j\omega R_2 C_2}$$

$$T(f) = -\left(\frac{jf}{f_3}\right) \cdot \frac{1}{1+jf/f_1} \cdot \frac{1}{1+jf/f_2}$$

$f_1 = 10\text{kHz}$ $\quad f_2 = 2\text{kHz}$ $\quad f_3 = 34\text{Hz}$