e - zero cancellation

$$\frac{Y(s)}{U(s)} = \frac{(s+1)(s+2)}{(s+3)(s+4)(s+4)} = \frac{s^2+3s+2}{s^3+8s^2+19s+12}$$

num = [1 3 2]; den = [1 8 19 12]; sys = tf(num,den);

sys

$$\frac{s^2+3s+2}{s^3+8s^2+19s+12}$$

sys-min = minreal(sys)

$$\frac{s+2}{s^2+7s+12}$$