AME 443 Checkin

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$$\omega_1 = 17.09 \text{ rad/s} \quad \omega_z = 30.80 \text{ rad/s} \quad \omega_2 = 43.04 \text{ rad/s}$$
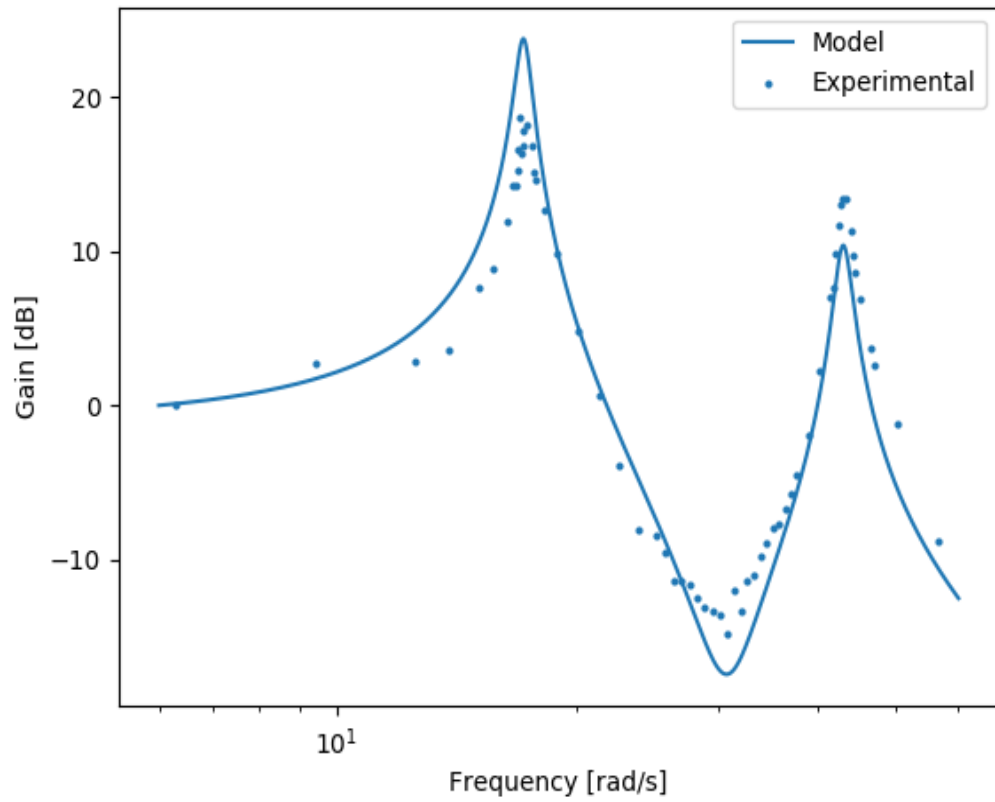$$\zeta_1 = 0.048 \quad \zeta_z = 0.163 \quad \zeta_2 = 0.050$$
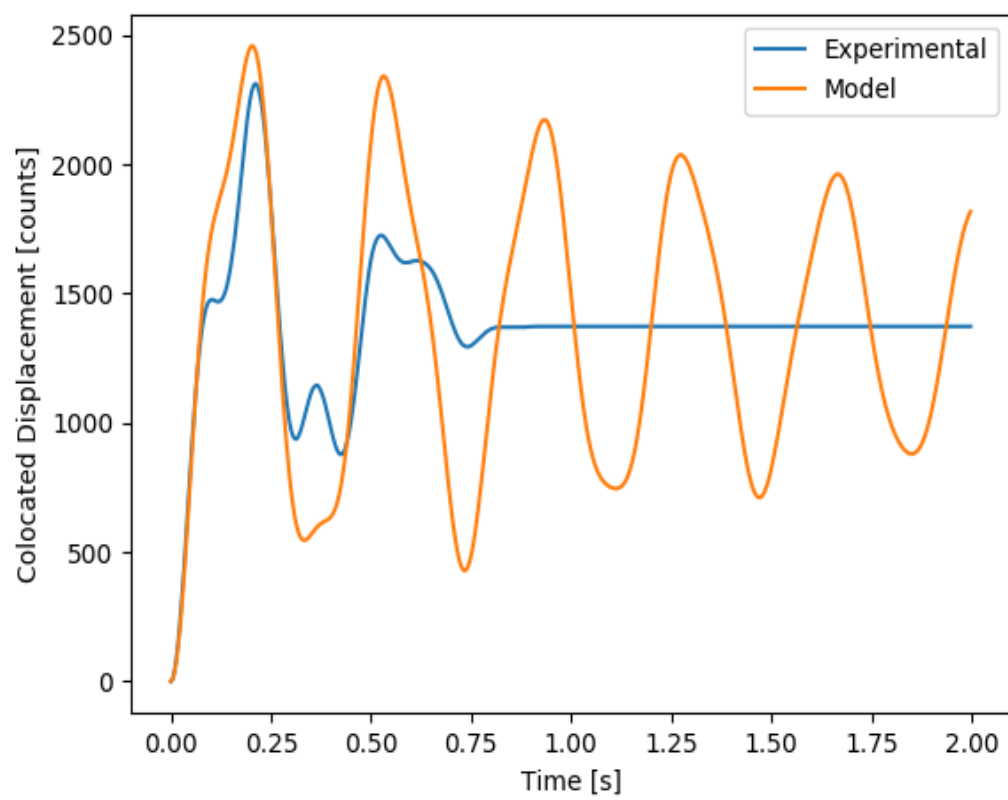

Figure 1: Bode gain plot for the colocated plant

Figure 2: Simulated and experimental step response