$K_s = 300 [N/m] K_d = 0 [N/(m/s)]$  $\omega_{\,\mathbf{0}}^{\phantom{\dagger}}$  = 26 [rad/s]  $K_s = 300 [N/m] K_d = 1 [N/(m/s)]$  $K_s = 300 [N/m] K_d = 5 [N/(m/s)]$  $K_s = 300 [N/m] K_d = 10 [N/(m/s)]$ 40 40 40 20 20 20 20 F\_ [N F, F\_ Z -20 -20 -20 -20 -40 -40 -40 8000 8100 1.06 1.07 2900 3000 3100 8200 1.05 1.08 1.59 1.6 1.61 1.62 1.63 2800 7900 1.75[s] 1.75[s] 1.75[s] 1.75[s]  $\times$  10<sup>4</sup>  $\times 10^4$  $K_s = 400 [N/m] K_d = 0 [N/(m/s)]$  $K_s = 400 [N/m] K$  $\omega_0$  = 31 [rad/s]  $K_s = 400 [N/m] K_d = 1 [N/(m/s)]$  $K_s = 400 [N/m] K_d = 5 [N/(m/s)]$  $_{\rm d}$  = 10 [N/(m/s)] 40 40 40 20 20 20 20 F\_ Z F<sub>r</sub> F\_ Z -20 -20 -20 -20 -40 -40 -40 1.93 1.95 2.36 2.37 2.77 2.78 2.79 2.99 3.02 1.94 1.96 2.35 2.38 2.76 2.98 3.01 1.92 1.75[s] 1.75[s] 1.75[s] 1.75[s]  $\times$  10<sup>4</sup>  $\times 10^4$  $\times 10^4$  $\times$  10<sup>4</sup>