

Figure 8.2 Amplitude spectra for the system impulse response (solid, smooth curve), noise-free data (dashed curve), and noisy data (solid, rough curve).

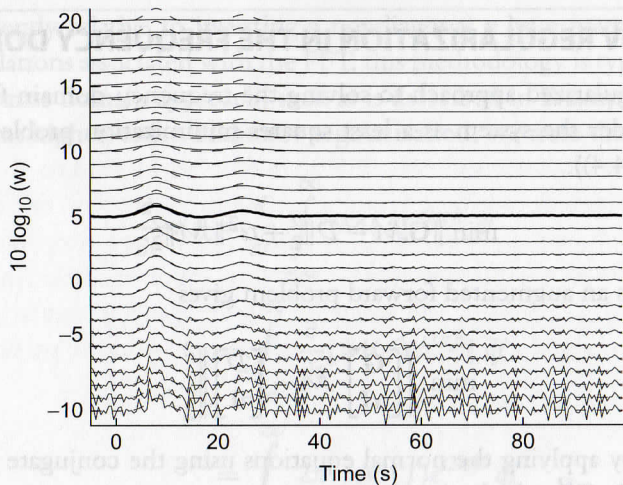


Figure 8.5 Models corresponding to the range of water level values used to construct Figure 8.4. Dashed curves show the true model, and bold trace shows the L-curve determined model with $w = 3.16$ (Figure 8.4).

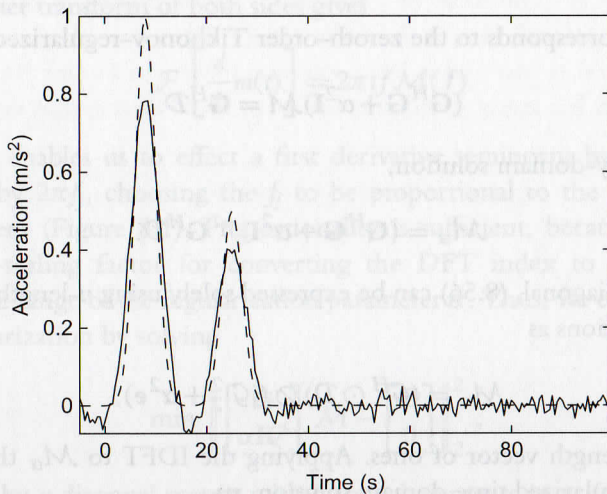


Figure 8.6 Water level-regularized model corresponding to $w = 3.16$. Dashed curve shows the true model.

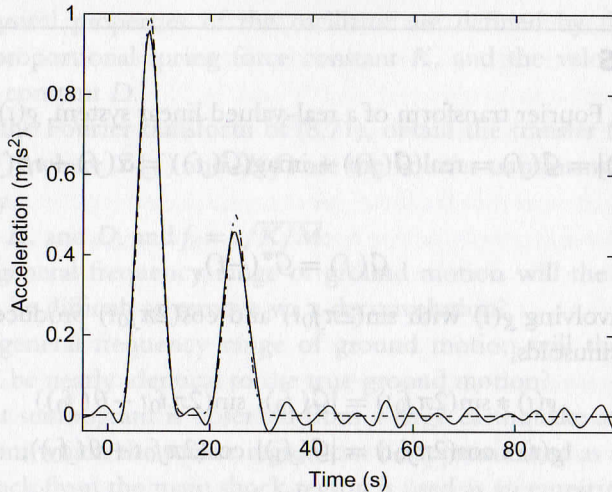


Figure 8.12 Second-order Tikhonov regularized model corresponding to $\alpha = 30.2$. Dashed curve shows the true model.