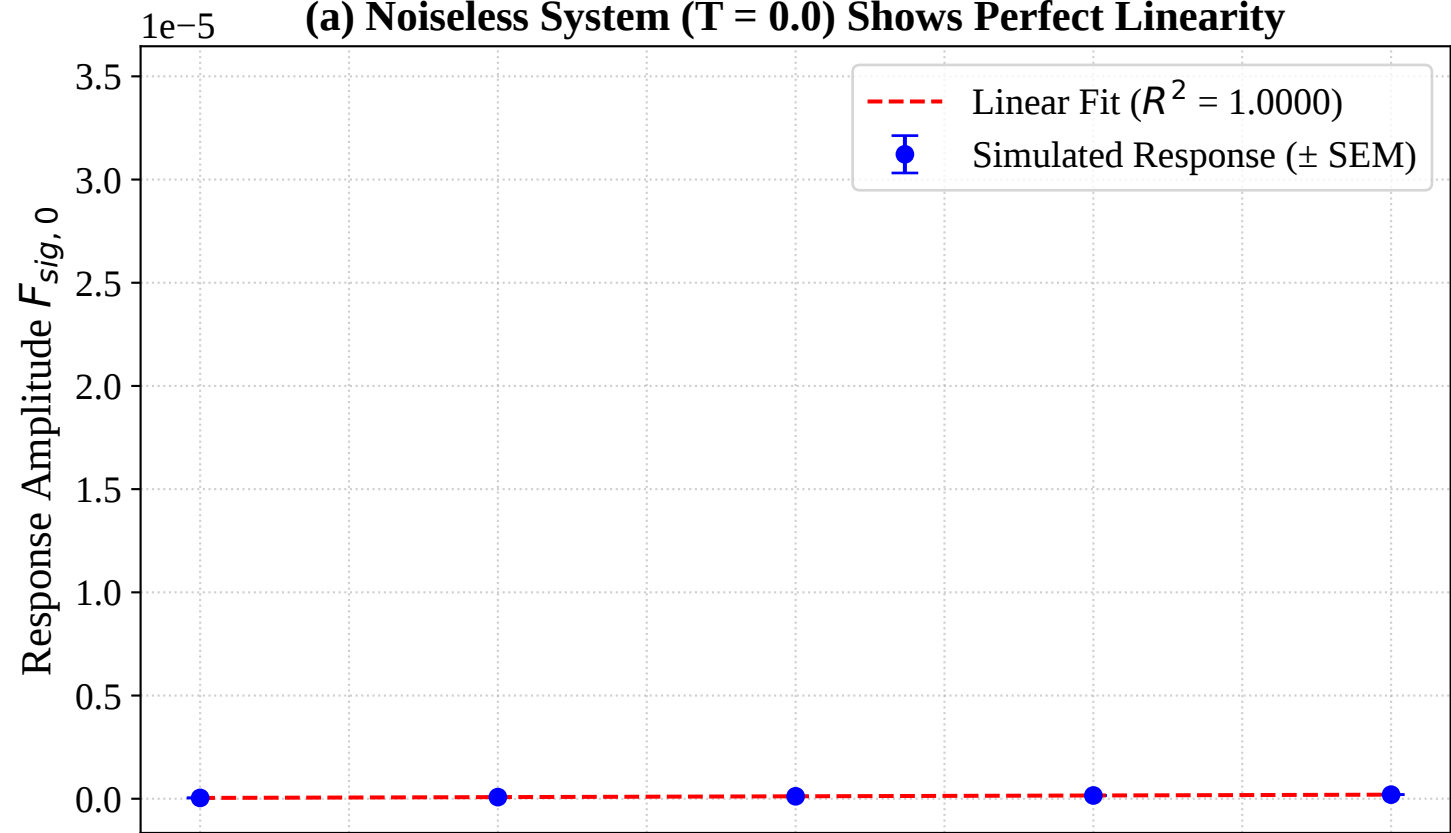


(a) Noiseless System ($T = 0.0$) Shows Perfect Linearity



(b) Noisy System ($T = 0.1$) Shows Clear Nonlinearity

