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5. NONLINEAR MODELS [1] Nonlinear (NL) Regression Models 5. NONLINEAR MODELS [1] Nonlinear (NL) Regression Models • General Form Of Nonlinear Or Linear Regression Models:  $Y_t = H(x_t, \beta) + \epsilon_t$ ,  $\epsilon_t \sim N(0, \sigma^2)$ . • Assume That The  $x_t$  And  $\epsilon_t$  Stochastically Independent. → This Assumption Implies That: Jan 1th, 2024

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Nonlinear Impulse Of Ocean Waves On Floating Bodies The Ambient Waves Are Assumed Irregular Of Large Amplitude And Modeled By Potential Flow Theory Using A Perturbation Or A Nonlinear Method. A Floating Body Interacting With The Ambient Waves Is Allowed To Undergo Large Amplitude Motions And The Radiation And Diffraction Mar 1th, 2024

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Nonlinear Acoustic/Seismic Waves In Earthquake Processes Johnson, P., Nonlinear Acoustic/seismic Waves In Earthquake Processes, International Symposium On Nonlinear Acoustics, Tokyo, Japan, May 21-25, 2012, Vol. 1474, 39-46, AIP Press (2012). Strains Of  $\sim 10^{-6}$ , We Observe Complicated Nonlinear Behavior. When Triggering Signals Apr 1th, 2024

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