

Series Editor
Jean-Paul Bourrières

Analysis, Modeling and Stability of Fractional Order Differential Systems 1

The Infinite State Approach

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Color section

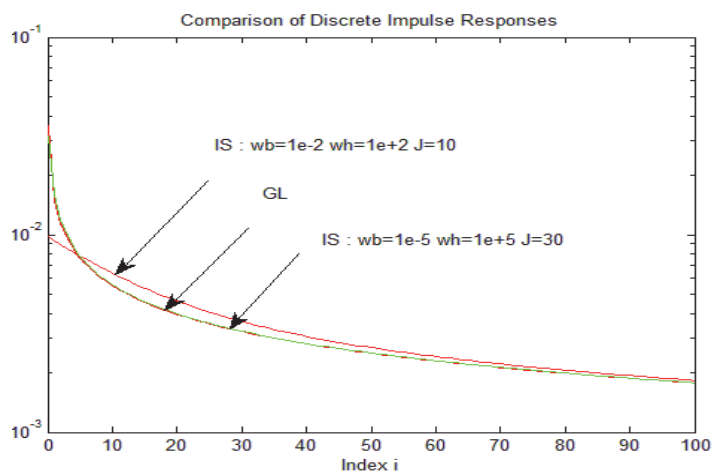


Figure 3.1. *GL and IS discrete impulse responses*

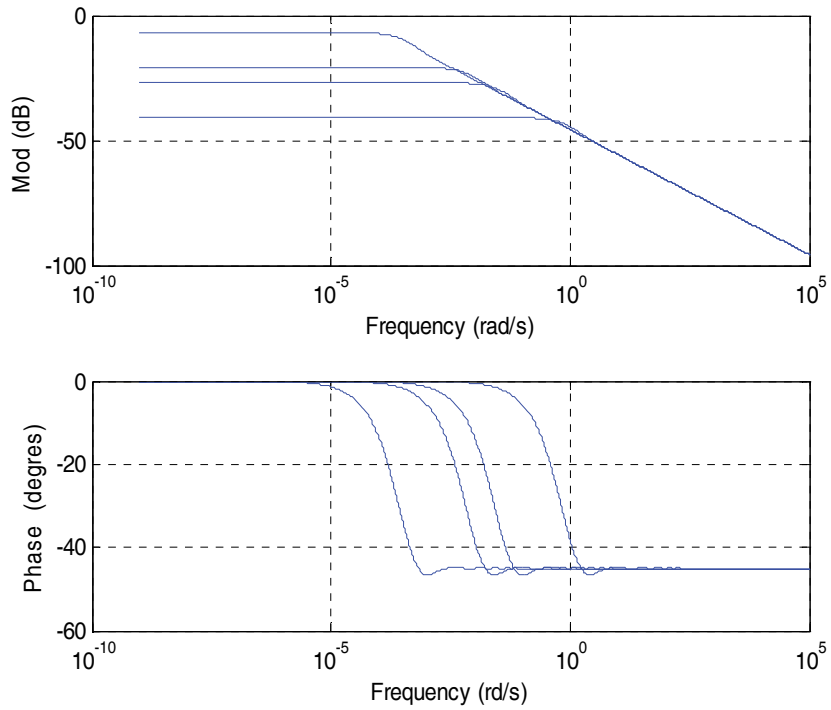


Figure 4.2. Bode graphs of the diffusive interface: $L=\{1\text{ cm}; 5\text{ cm}; 10\text{ cm}; 50\text{ cm}\}$

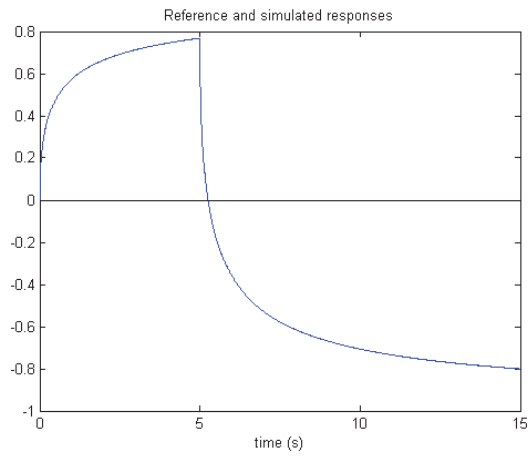


Figure 7.2. *Comparison of Mittag-Leffler and simulated responses*

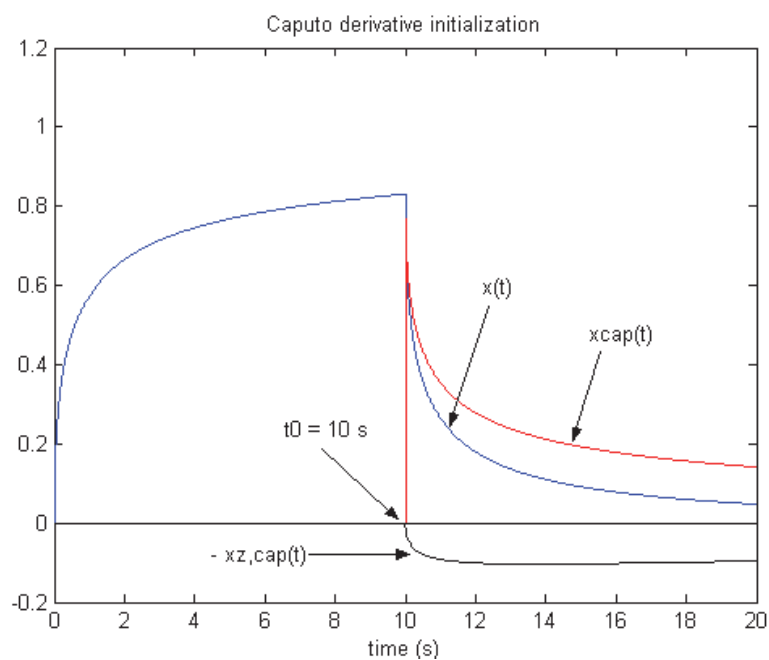


Figure 8.5. *Simulation of Caputo derivative initialization*

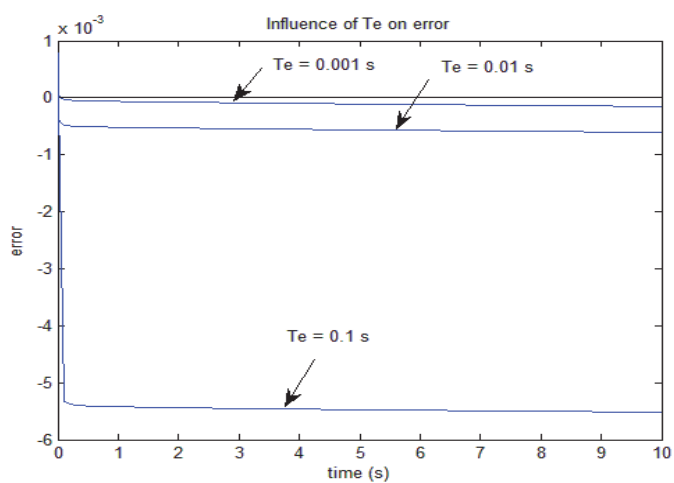


Figure 9.1. *Computation error*

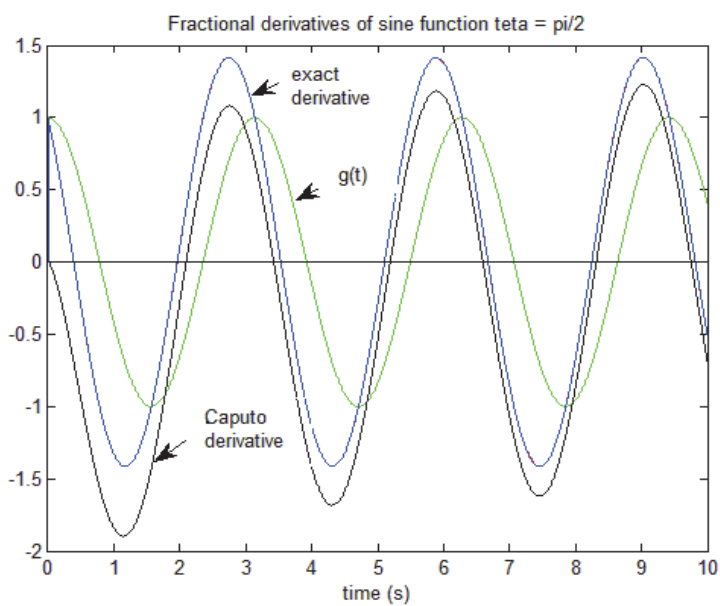


Figure 10.1. *Sine function fractional derivatives*