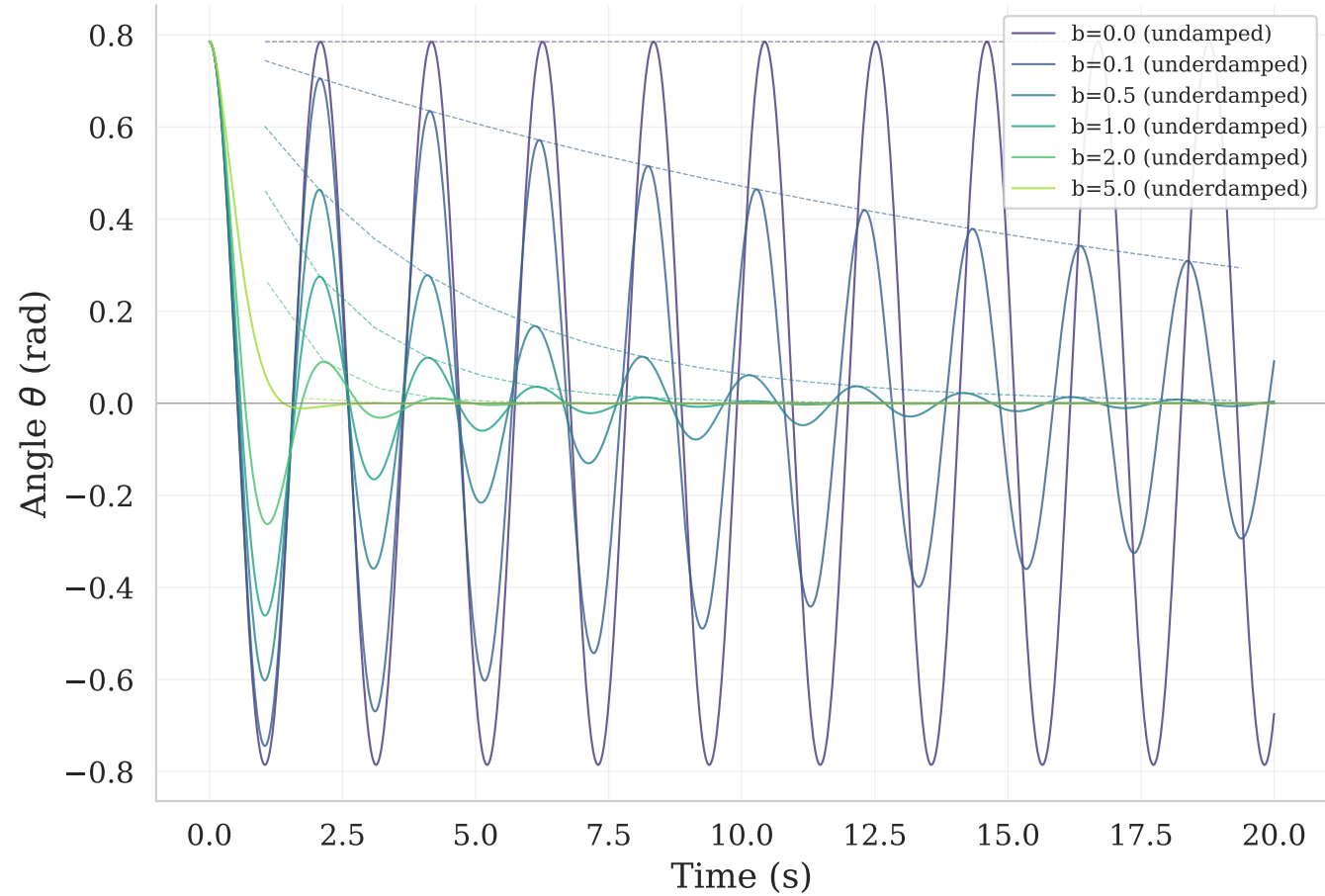


**Damping Sweep:  $\theta_0 = \pi/4$** **Damping Sweep: Energy Dissipation**