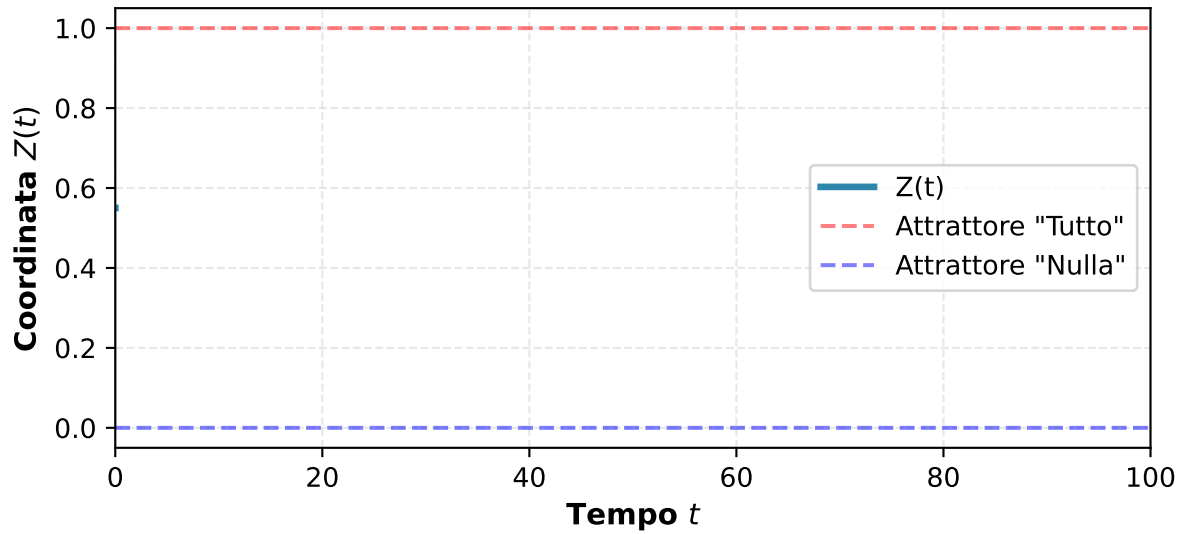


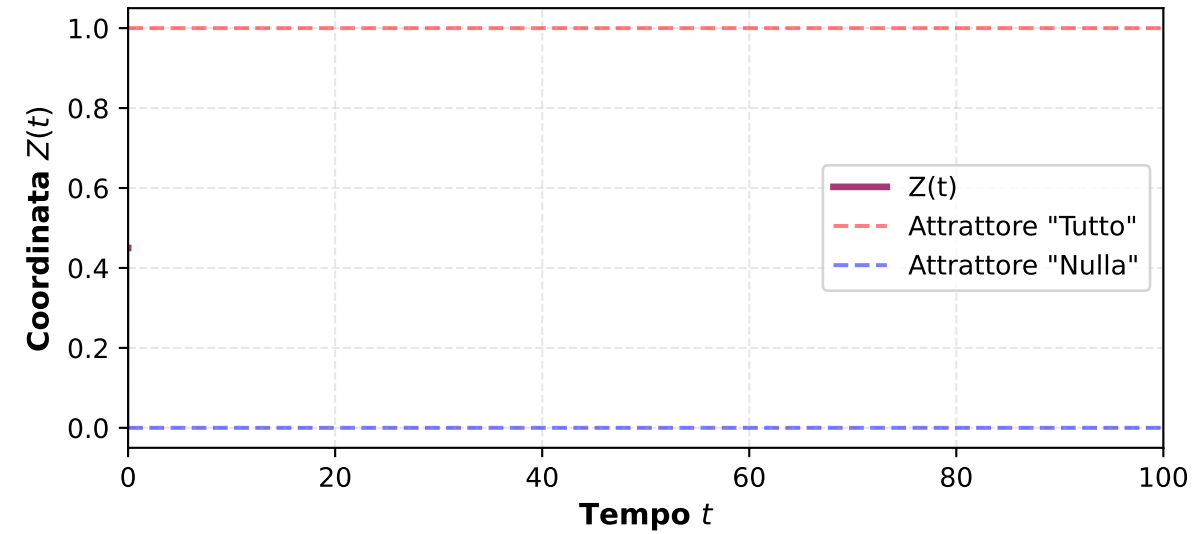
# Simulazione Lagrangiana Ottimizzata con Analisi di Convergenza

$$\ddot{Z} + c\dot{Z} + \frac{\partial V}{\partial Z} = 0$$

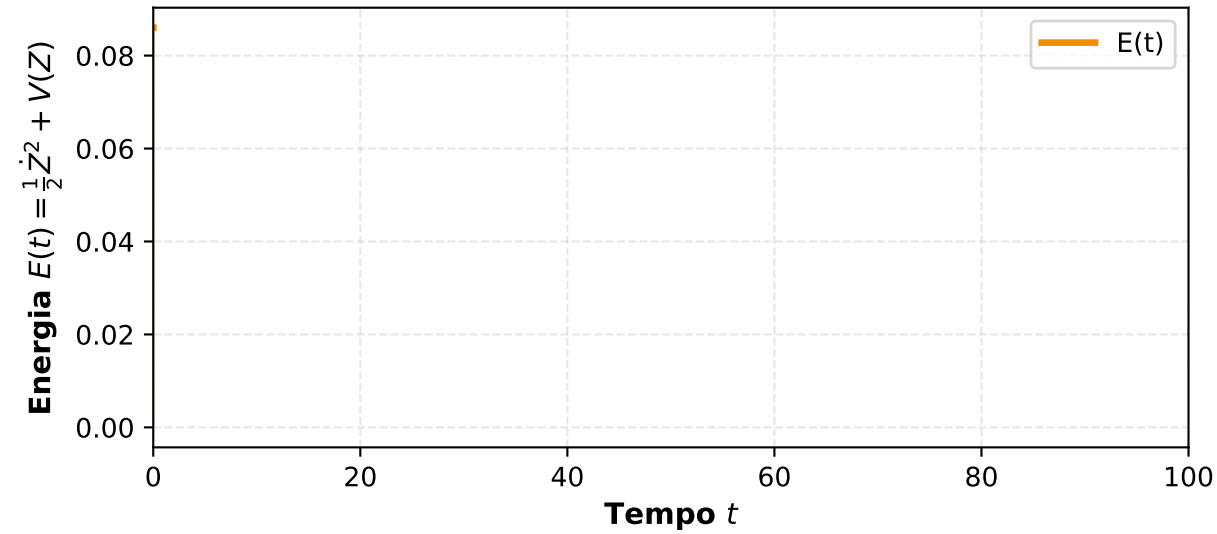
Traiettoria:  $Z(0) = 0.55 \rightarrow$  Tutto



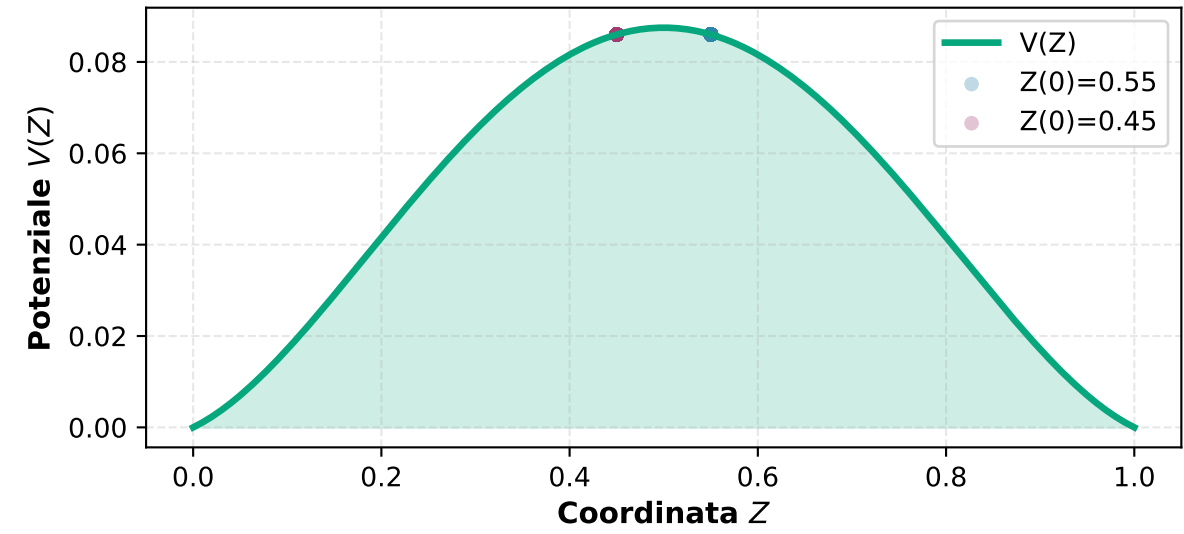
Traiettoria:  $Z(0) = 0.45 \rightarrow$  Nulla



Energia Totale:  $Z(0) = 0.55$  (dissipativa)



Paesaggio Potenziale:  $V(Z) = Z^2(1 - Z)^2 + \lambda\theta_{NT}Z(1 - Z)$



Analisi di Convergenza: Errore in Norma  $L^2$

