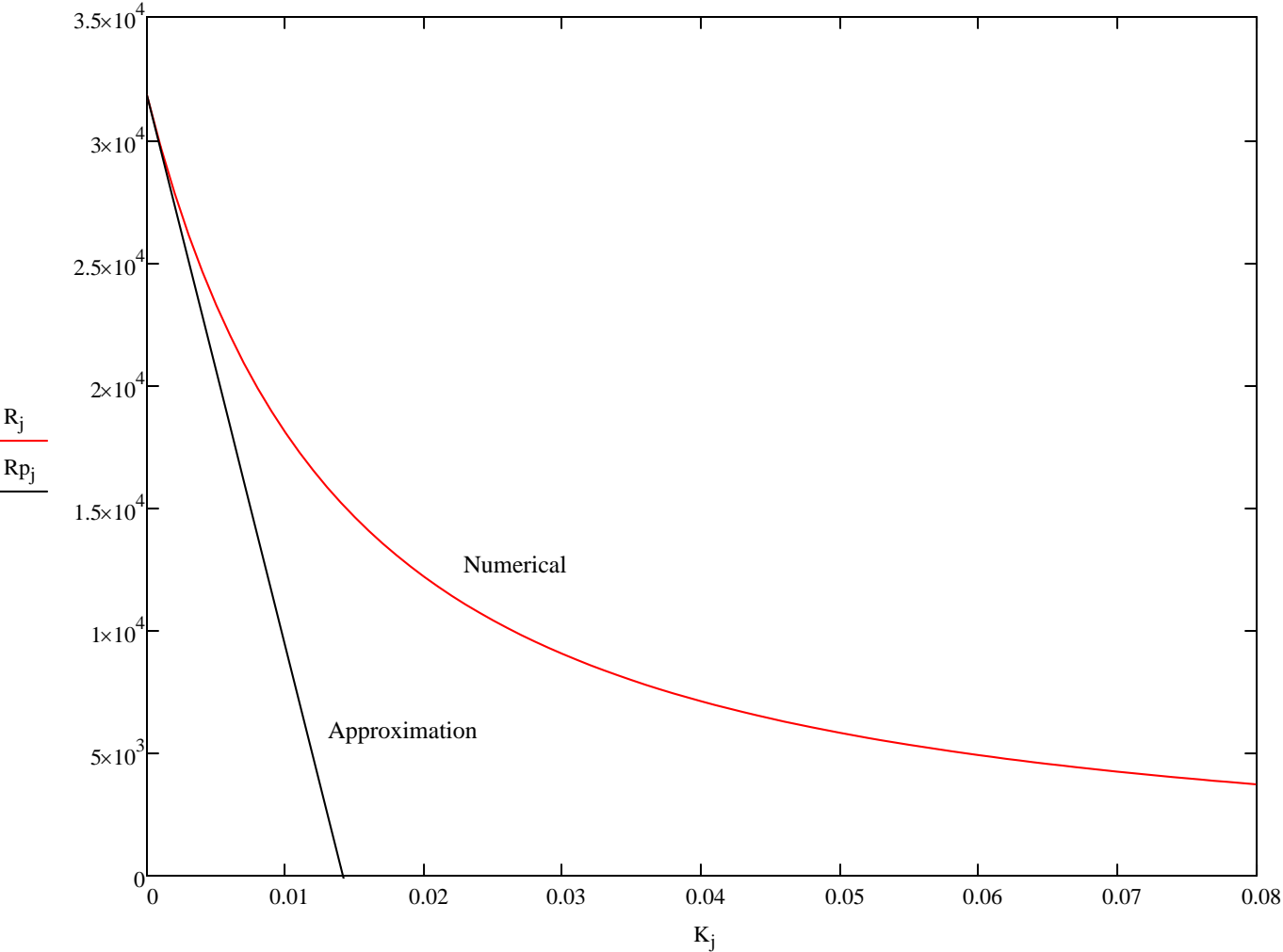


# Comparing Perturbation and Numerical Solutions



Range ( $k = 0.005, v_o = 600 \text{ m/s}$ ):

Actual

$2.325 \cdot 10^4$

Approximation

$2.057 \cdot 10^4$