Tippe top

Part A (10.0 points)

A.1 (1.0 pt)

$\mathbf{F}_{\text{ext}} =$

A.2 (0.8 pt)

$\tau_{\text{ext}} =$

A.3 (0.4 pt)

A.4 (0.8 pt)

$\omega =$

A.5 (1.0 pt)

$E_T =$

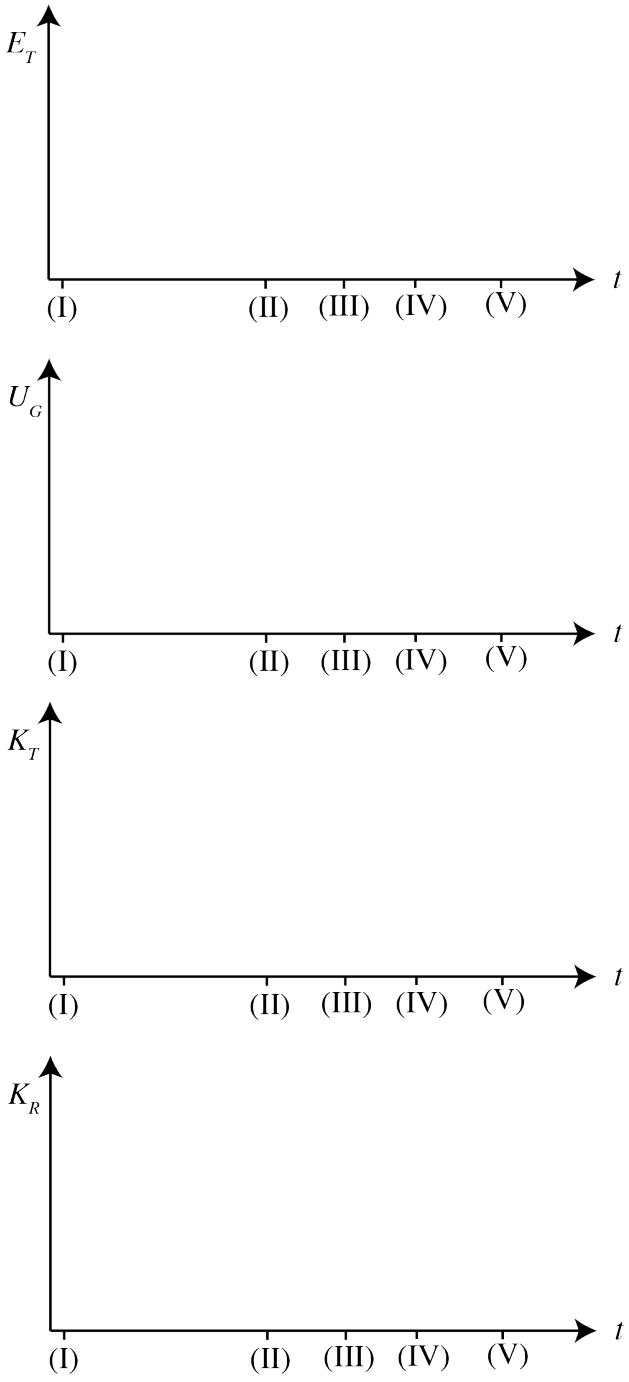
A.6 (0.4 pt)

$\frac{dL_z}{dt} =$

A.7 (1.4 pt)

$\frac{dE_T}{dt} =$

A.8 (2.0 pt)



A.9 (0.5 pt)

$k =$

A.10 (1.7 pt)

$\mathbf{v} =$