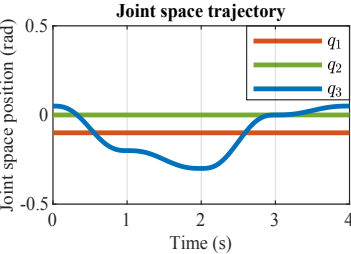
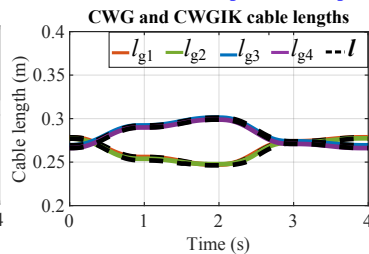


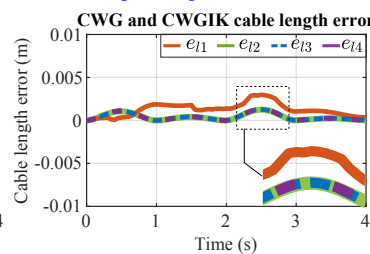
# Cone-frustum shaped mobile-platform and teapot-shaped obstacle



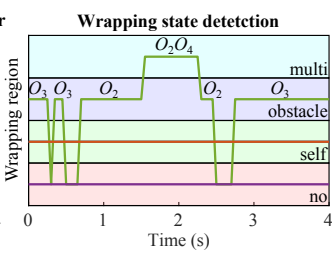
(a) Reference joint space position trajectory.



(b) Comparison of cable lengths generated from CWG and CWGIK model.



(c) Cable length error between CWG and CWGIK model.



(d) Interference state detection.

multi
stacle
self
no



















