Trajectories of the Elastica Rod for Different Load Ratios P/Pcr = 0.1P/Pcr = 1P/Pcr = 1.5P/Pcr = 3P/Pcr = 51.0 P/Pcr = 8P/Pcr = 9.1610.5 0.0 -0.5 -1.0

0.00

x/I

0.25

0.50

0.75

1.00

-0.25

-1.00

-0.75

-0.50