

UCLA MAE 259 Homework 2

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Abstract— This electronic document is for the MAE 259 Class Homework 2 from UCLA.

I. CHAPTER 7: DISCRETE ELASTIC RODS

The Simulation of the deformation is shown in the Matlab File HW2/code/Main.m. Please execute this file directly. The final

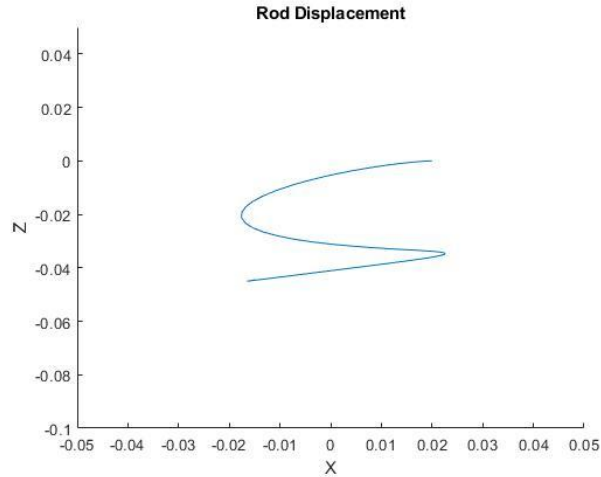


Figure 1: Final Deformation

deformation result is in Figure 1.

The Z-Coordinate of the last node (XN) with time is:

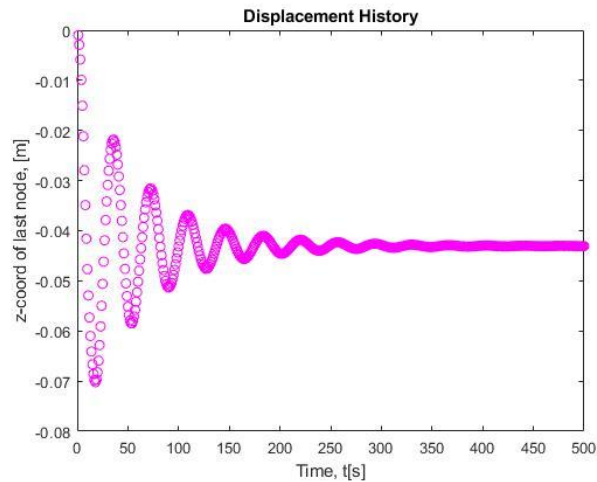


Figure 2: Last Node Displacement