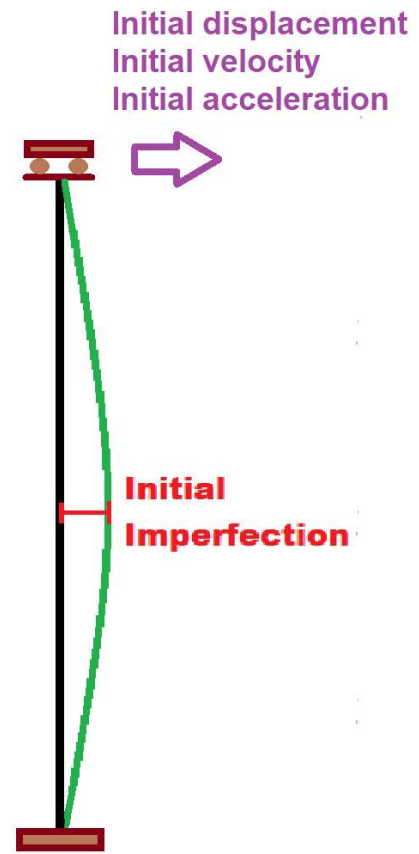
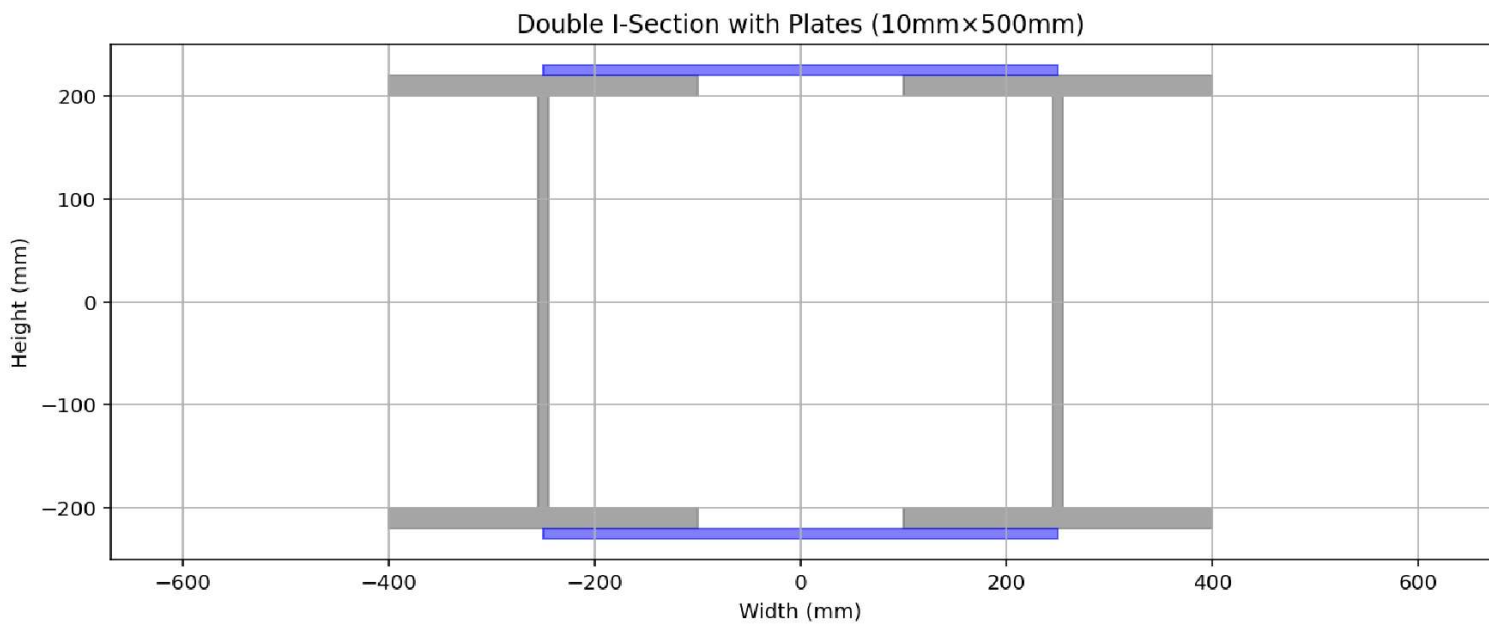


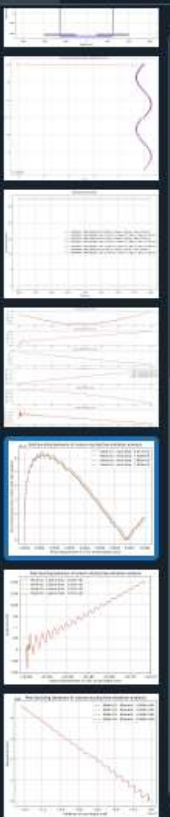
>> IN THE NAME OF ALLAH, THE MOST GRACIOUS, THE MOST MERCIFUL <<

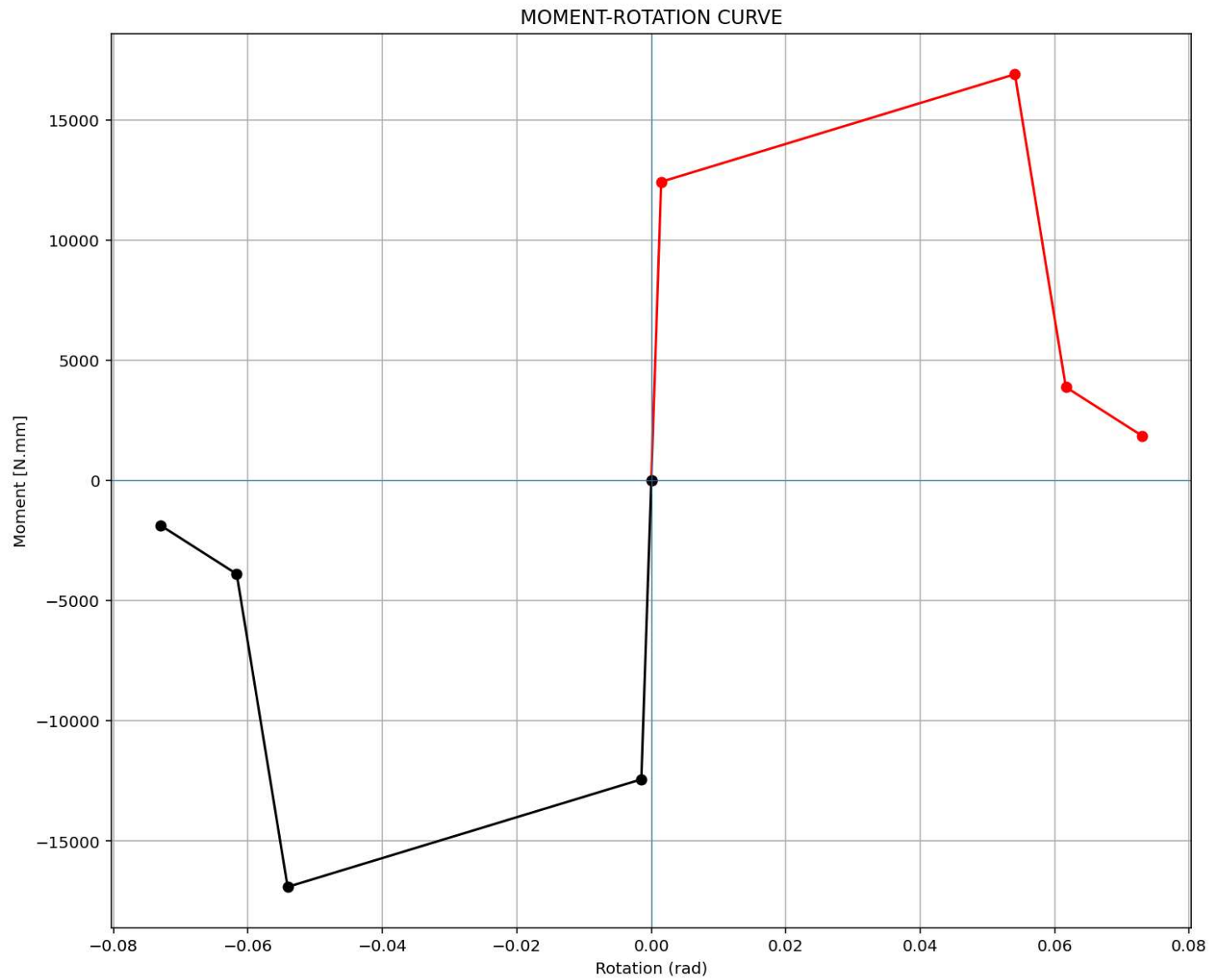
INVESTIGATION OF FREE-VIBRATION ANALYSIS WITH LATERAL DISPLACEMENT OF MULTI-MODE POST- BUCKLING PHENOMENA STEEL COLUMNS USING OPENSEES CONSIDERING THE GEOMETRIC AND MATERIAL PROPERTIES NONLINEARITY

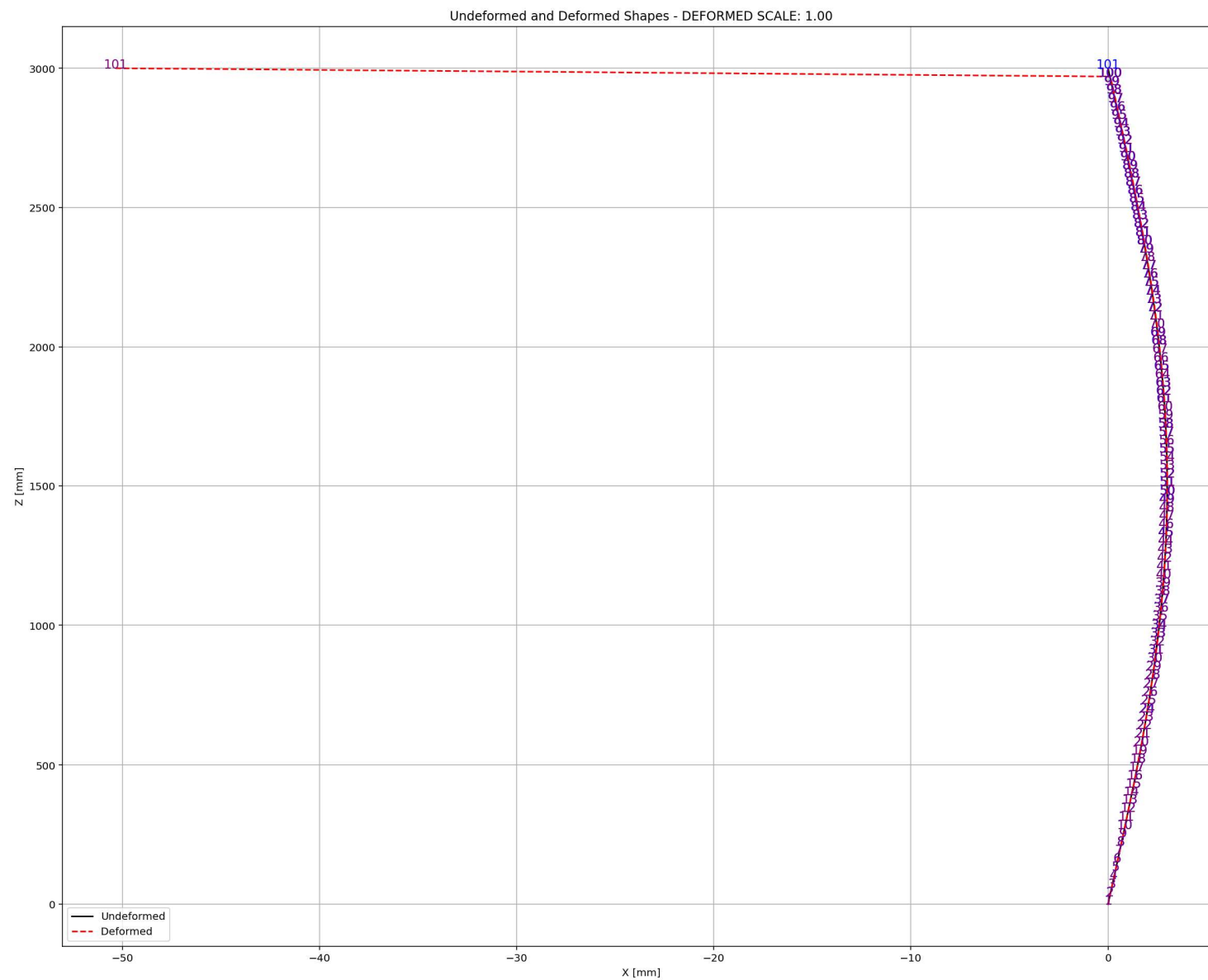
WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)

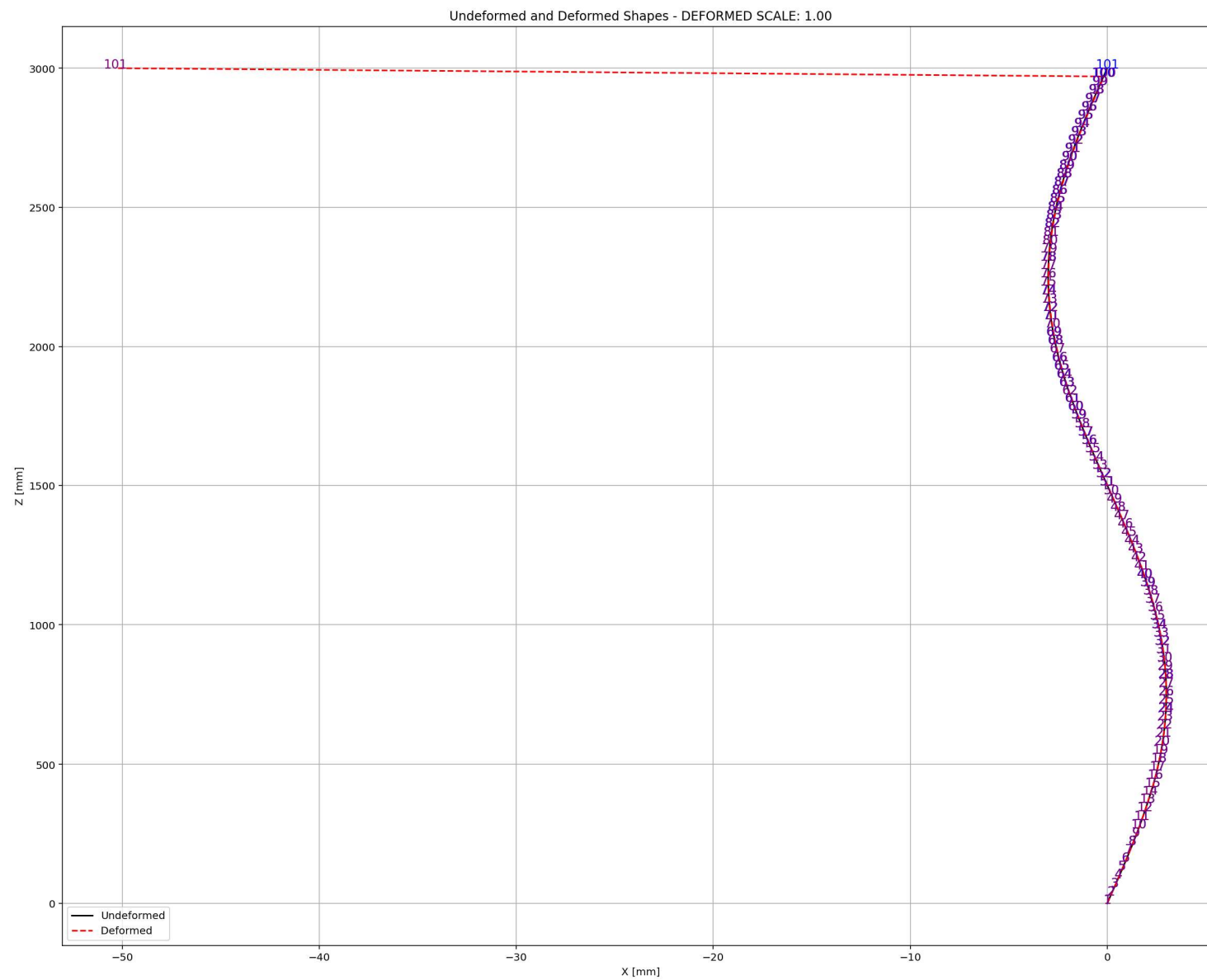


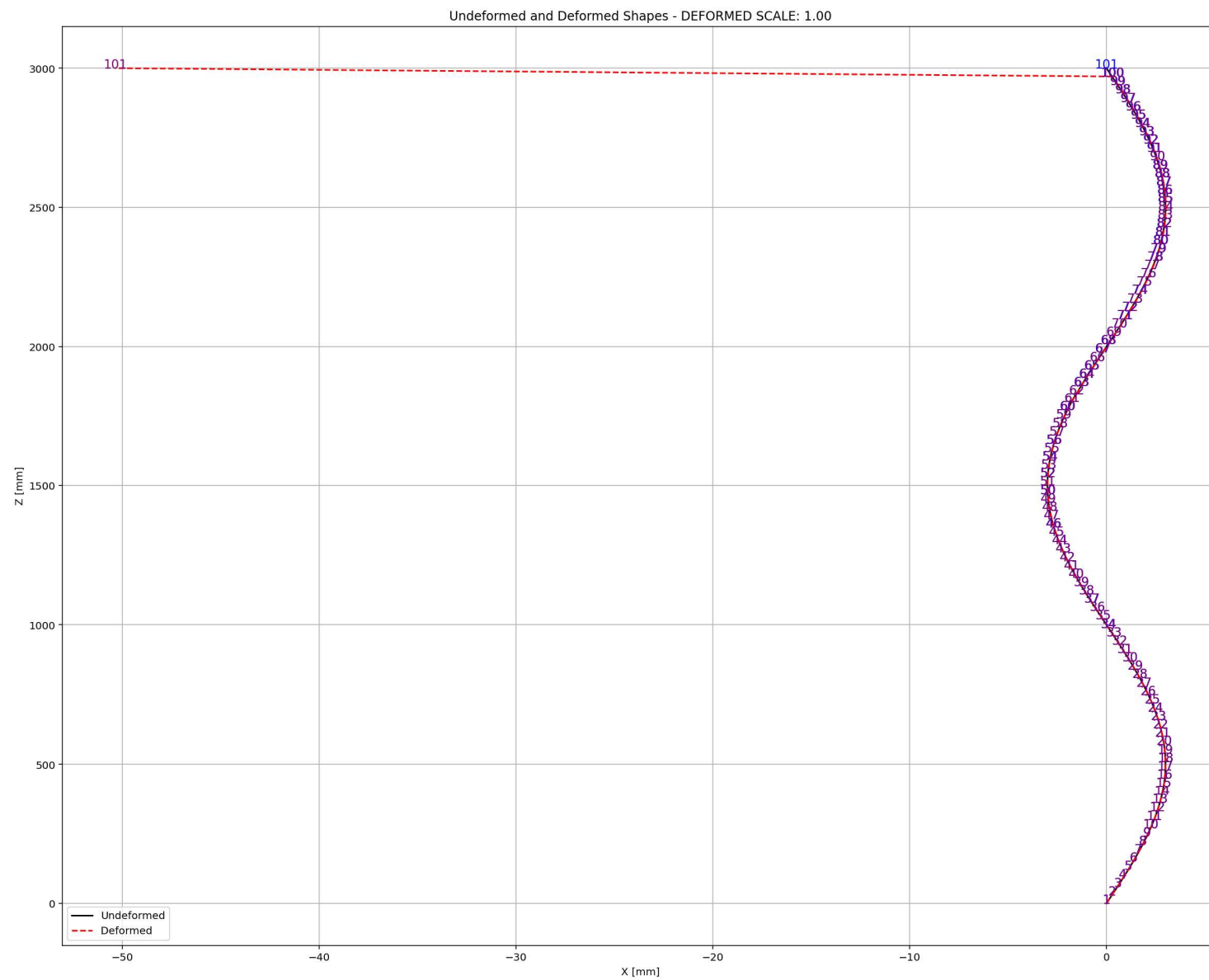
 MULTI-MODE-POST_BU...BRATION LATERAL.py ×

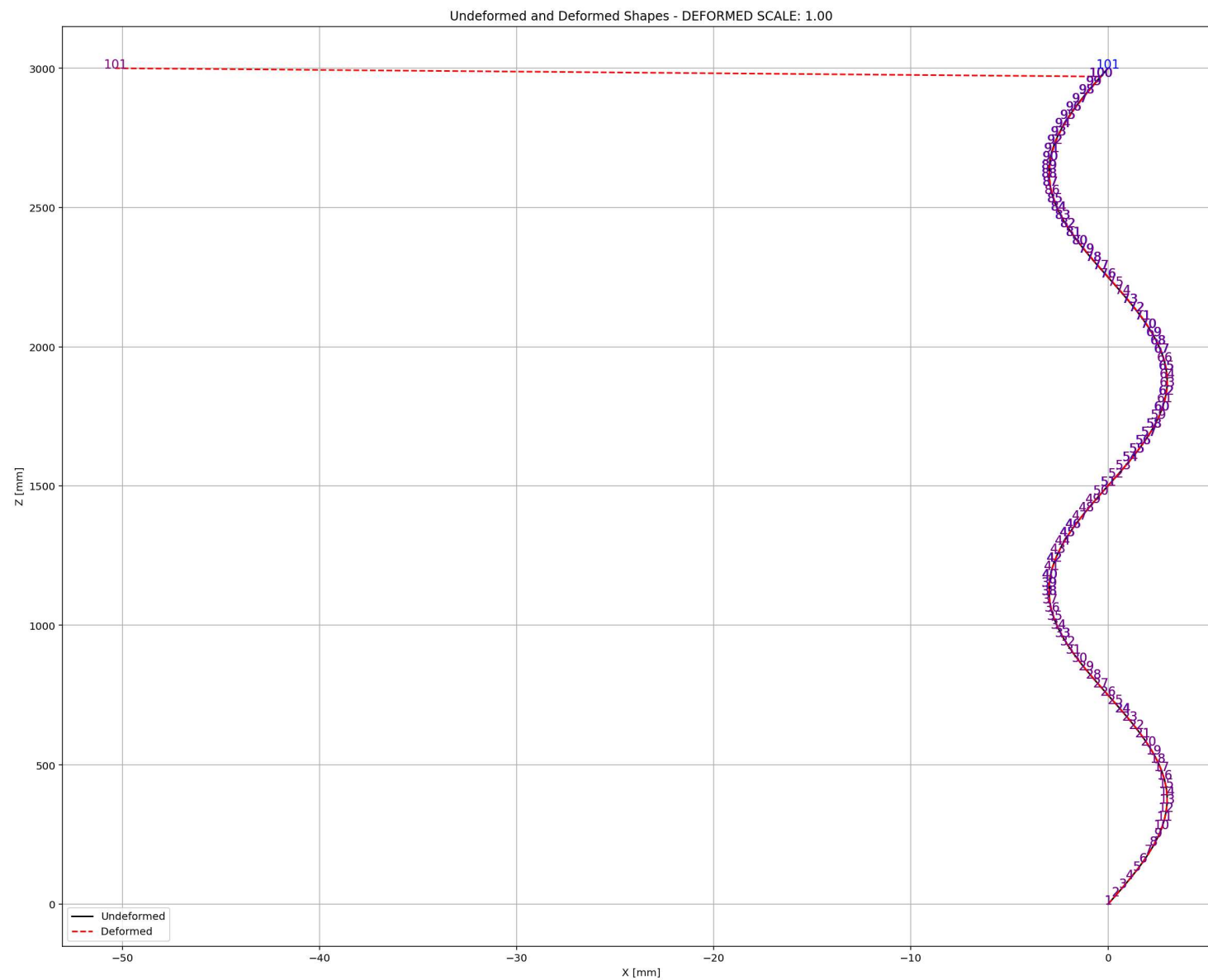


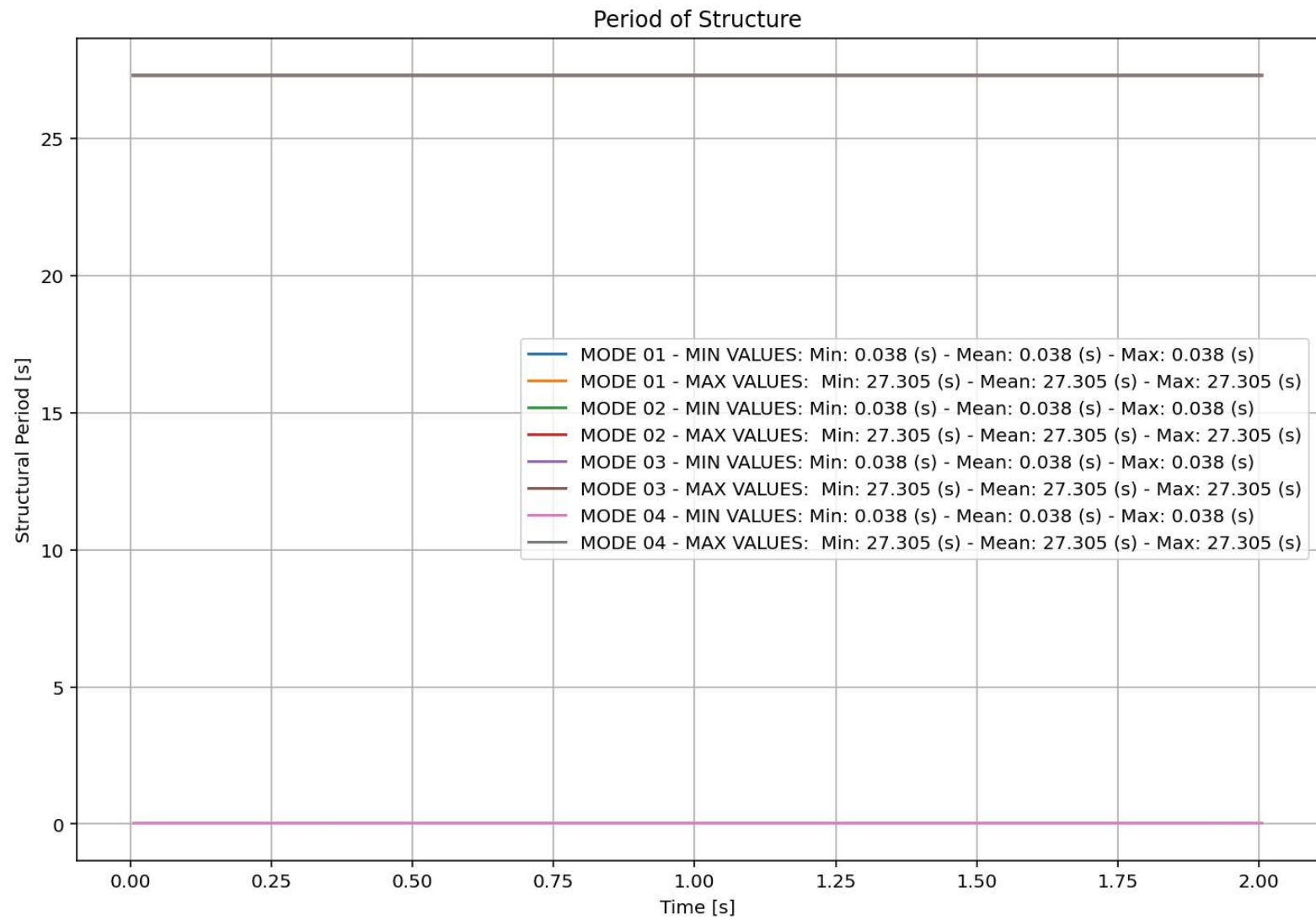


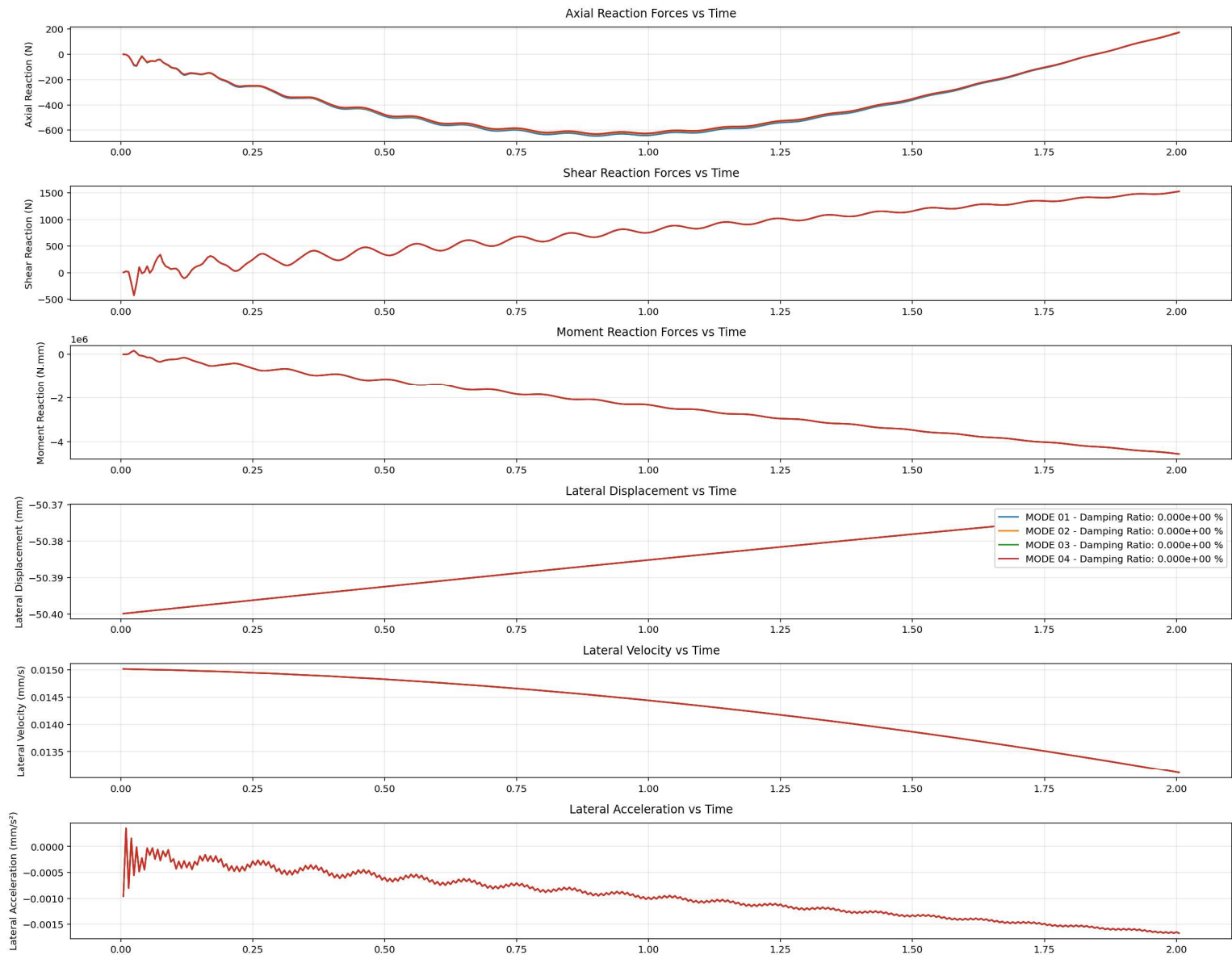


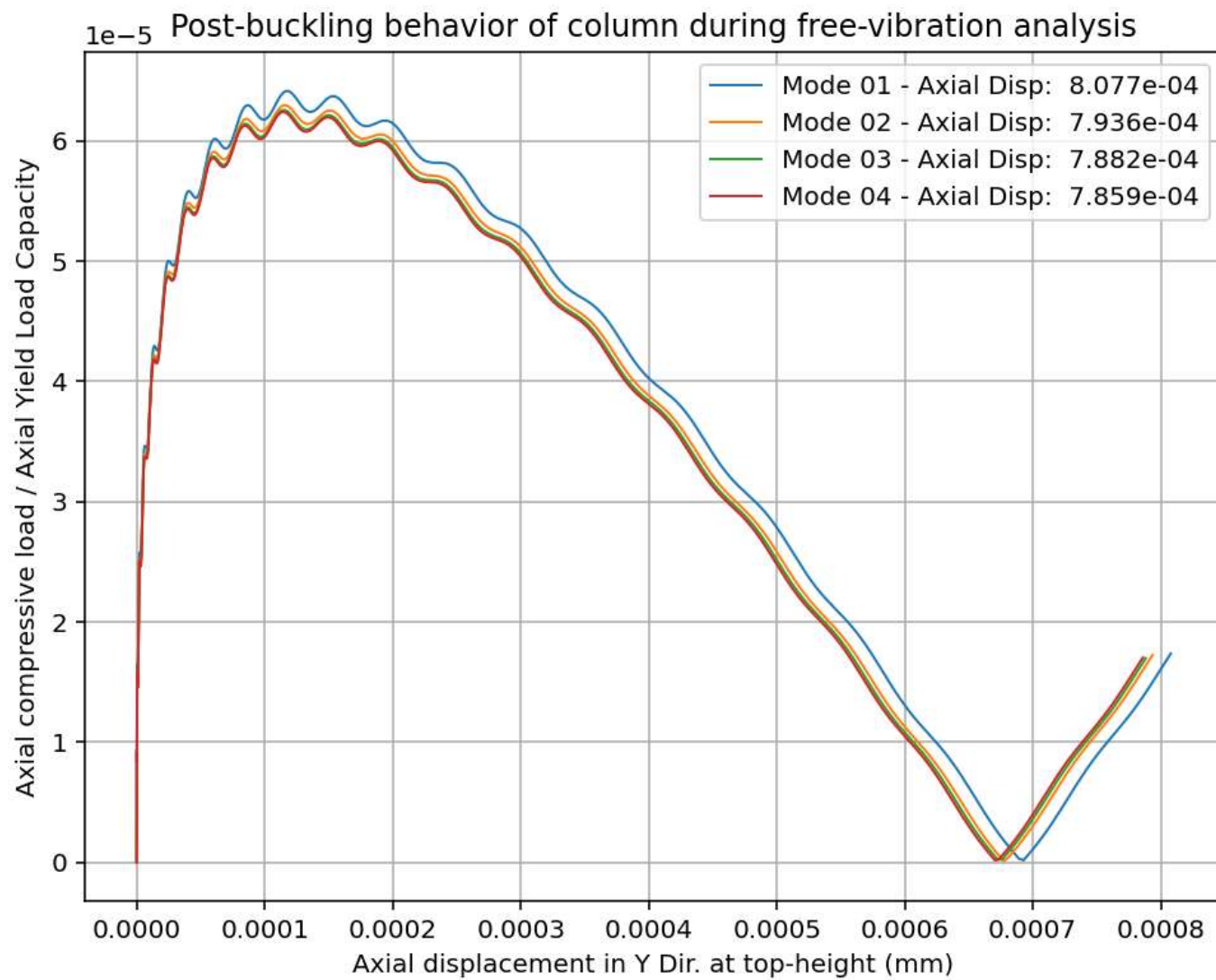












Post-buckling behavior of column during free-vibration analysis

