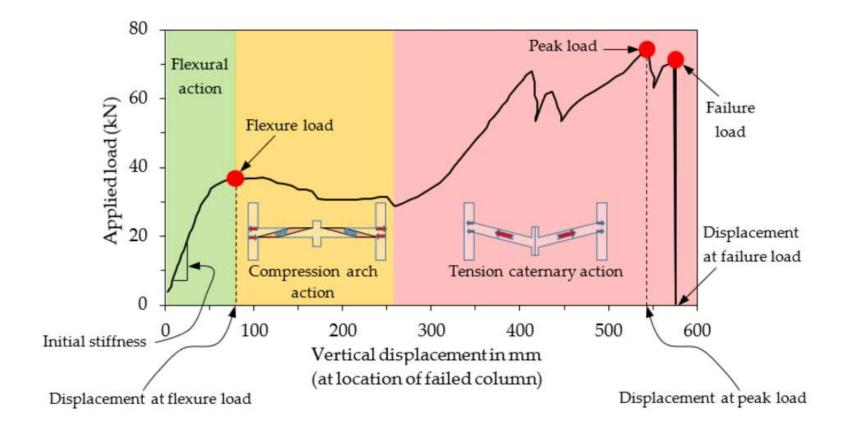
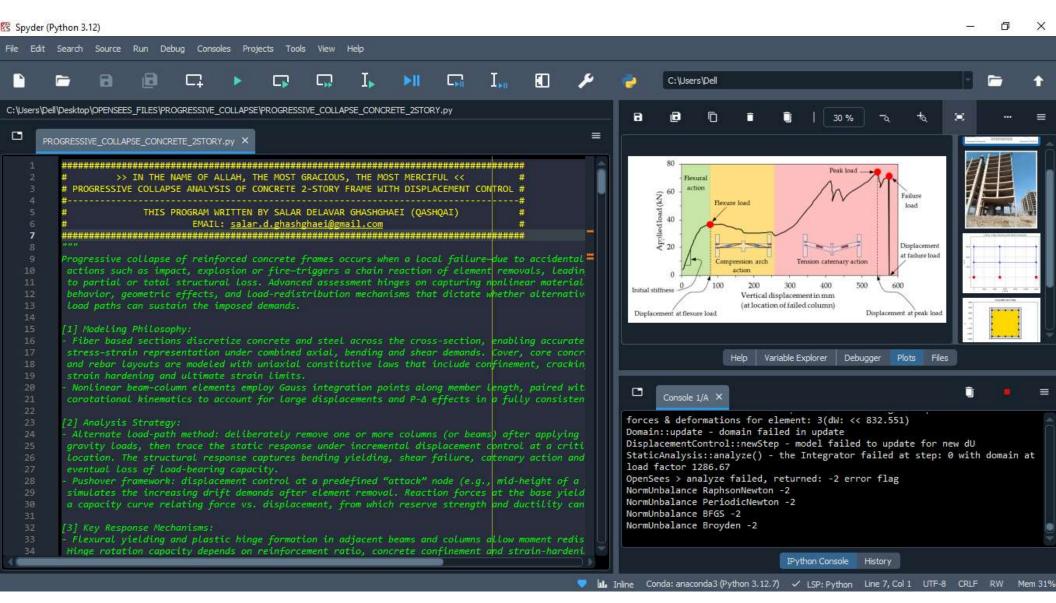
>> IN THE NAME OF ALLAH, THE MOST GRACIOUS, THE MOST MERCIFUL <<

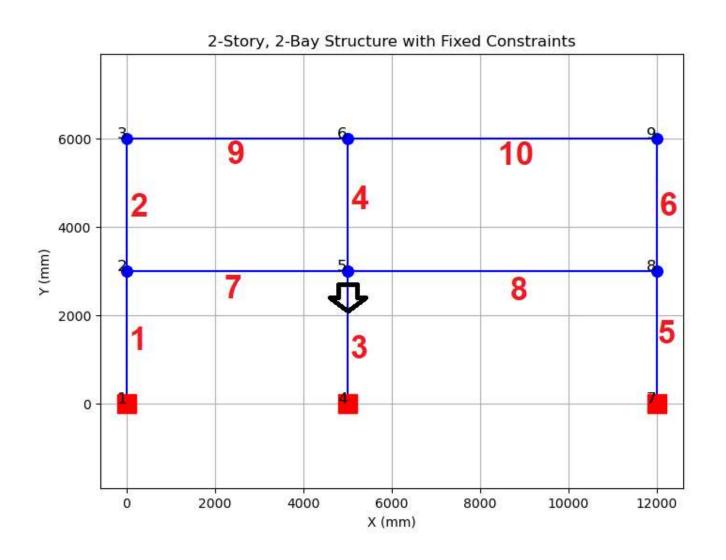
## PROGRESSIVE COLLAPSE ANALYSIS OF CONCRETE FRAME. EVALUATING STRAIN HARDENING AND ULTIMATE STRAIN CRITERIA USING OPENSEES. DISPLACEMENT CONTROL

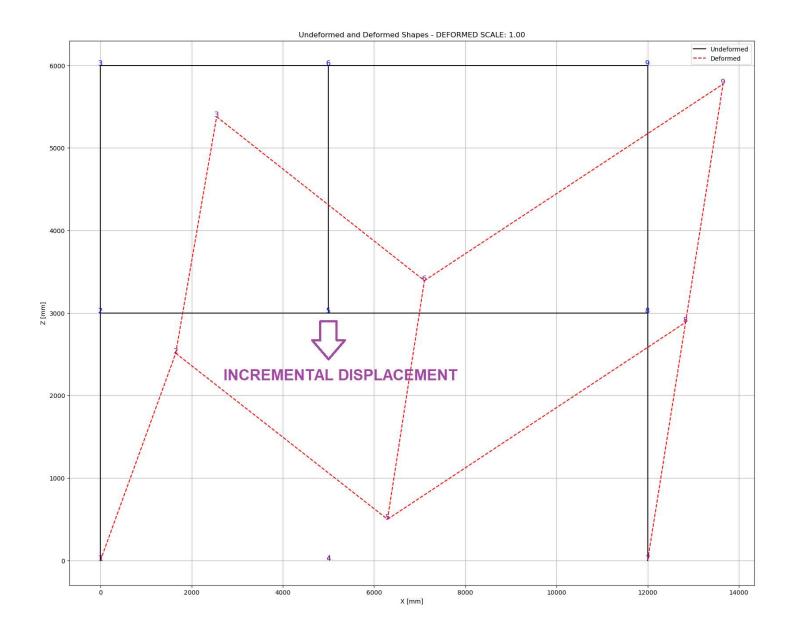
WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)

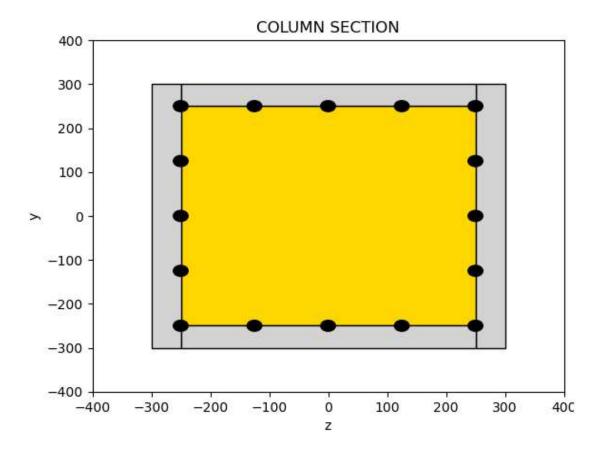


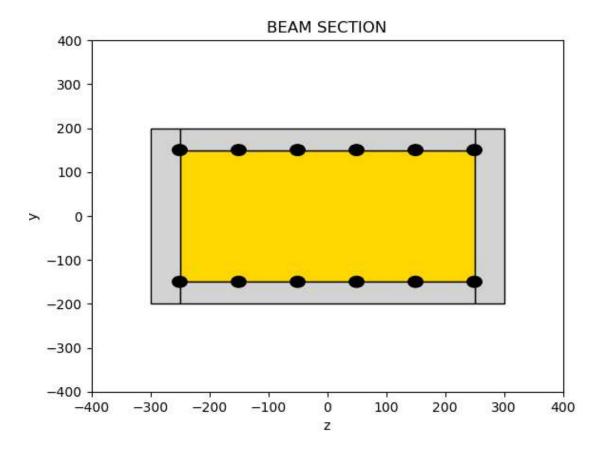


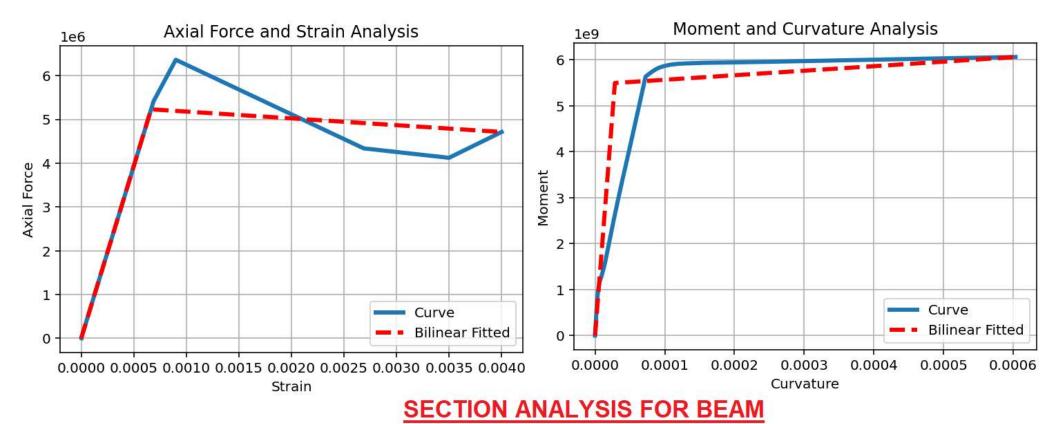


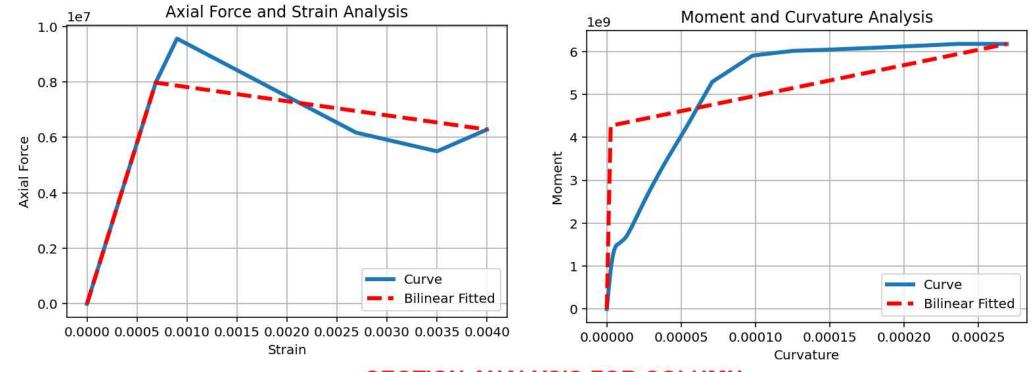




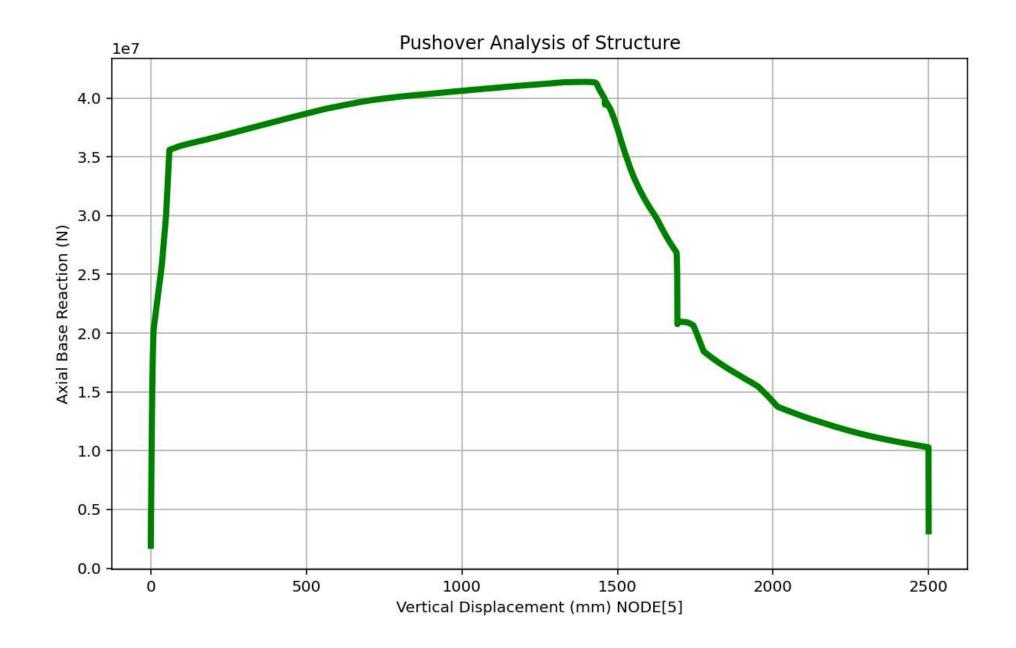


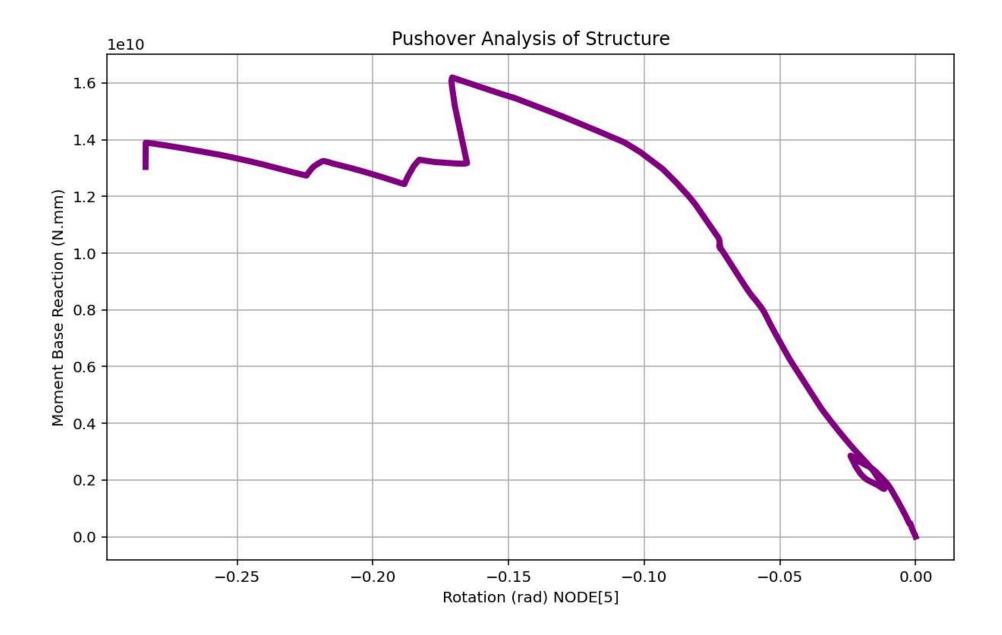


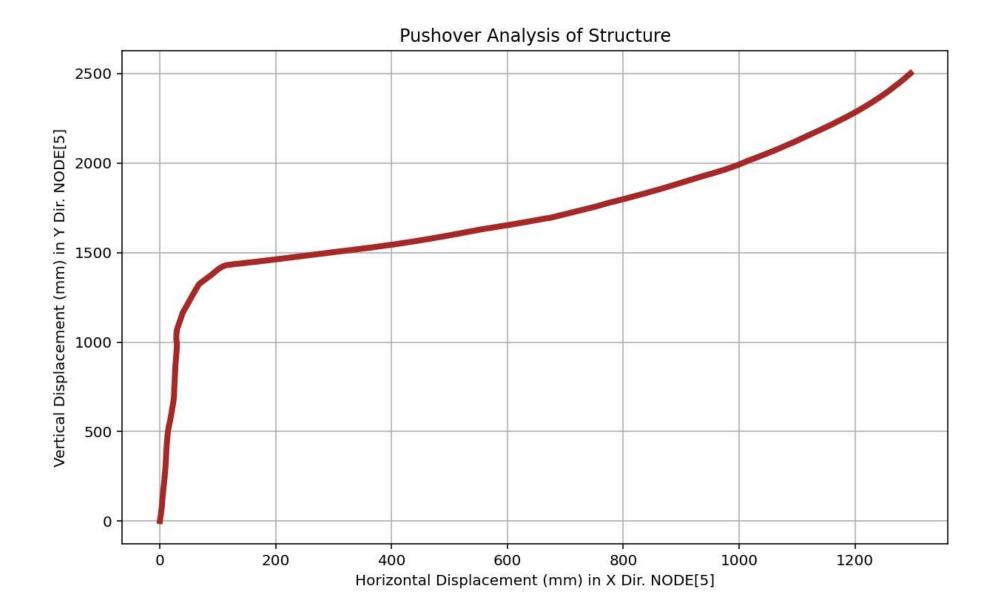


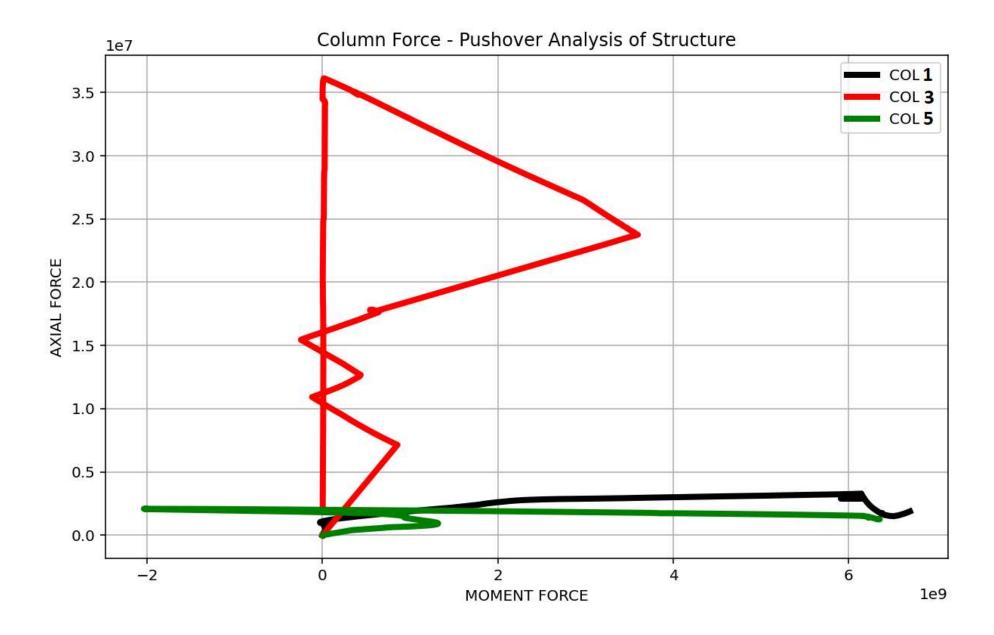


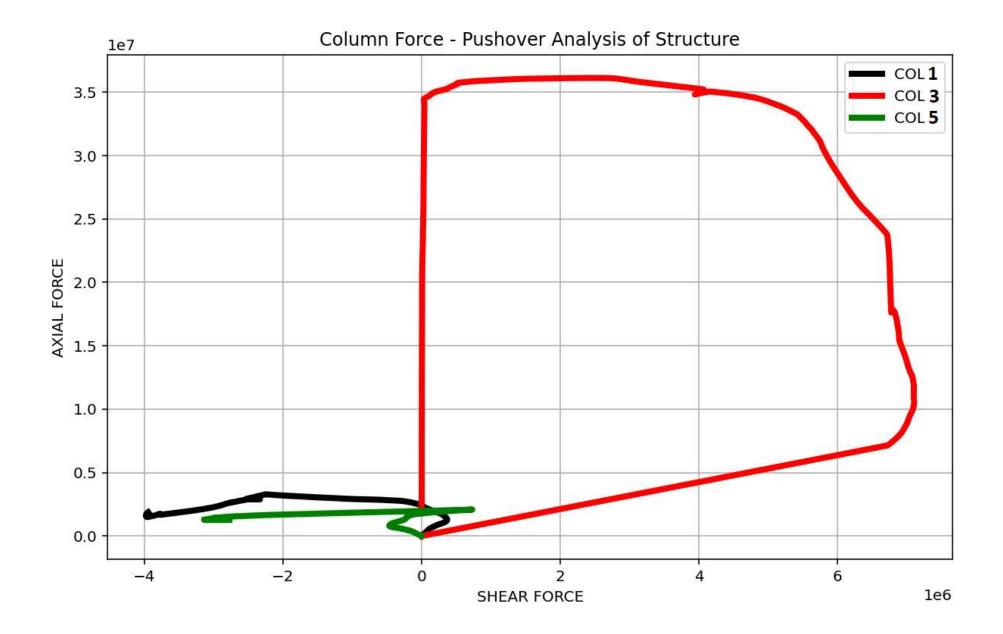
**SECTION ANALYSIS FOR COLUMN** 

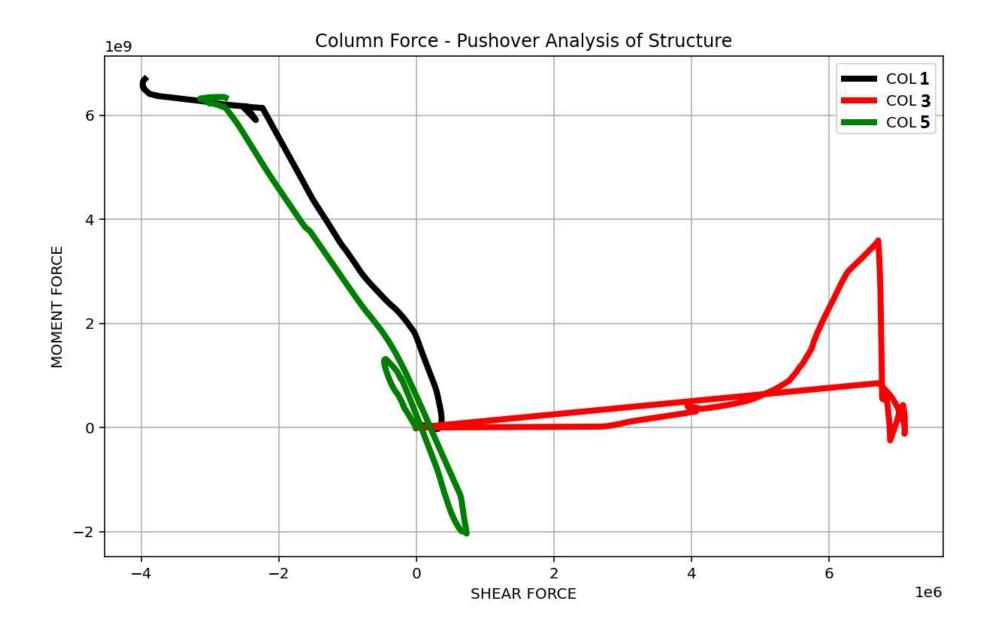












## ROTATIONAL STIFFNESS-LATERAL STIFFNESS IN X DIR. FOR STORY-1 DIAGRAM

