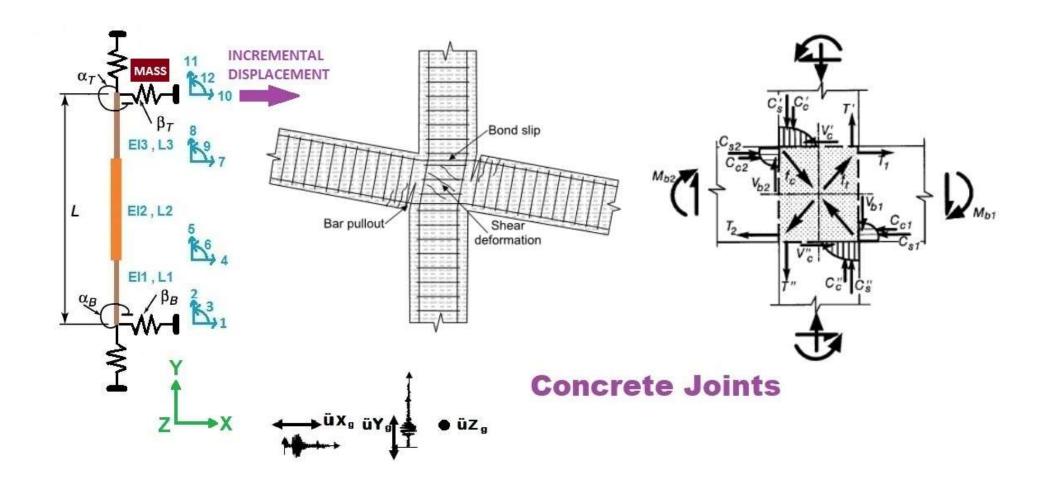
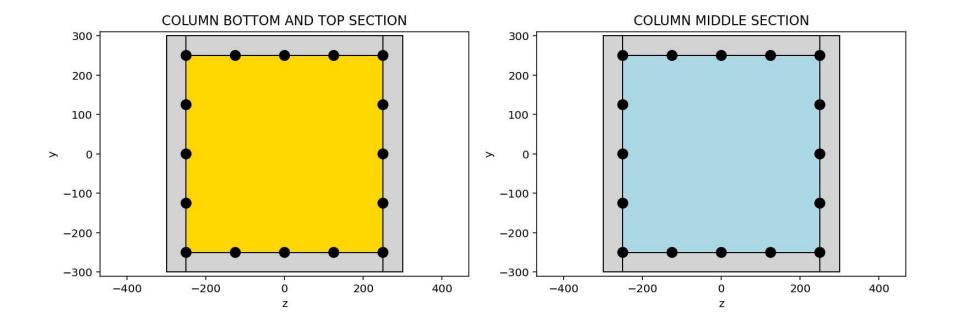
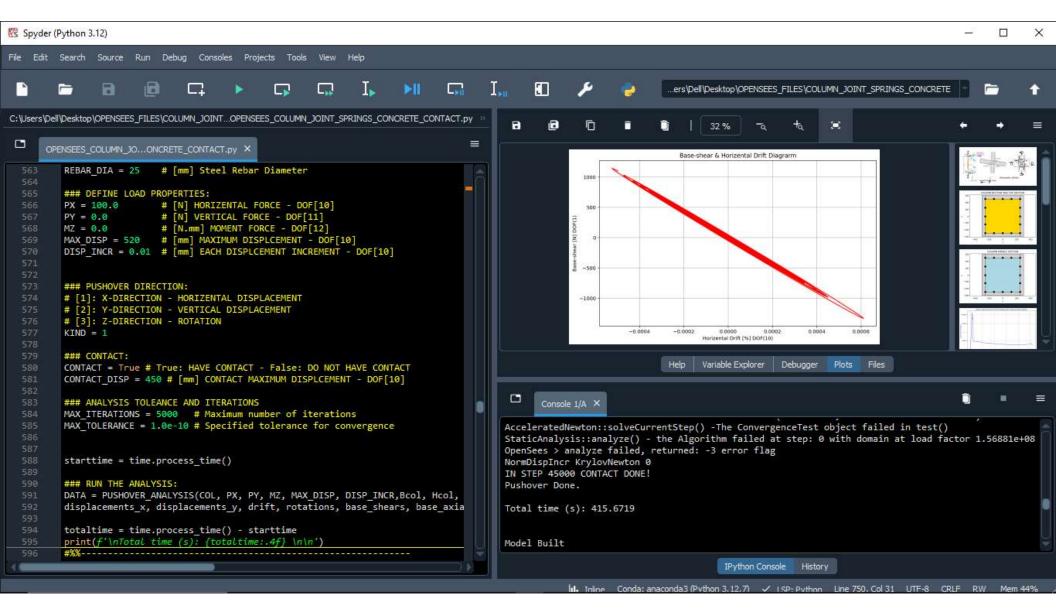
IN THE NAME OF ALLAH

## PUSHOVER ANALYSIS OF CONCRETE COLUMNS WITH AXIAL AND ROTATIONAL SPRINGS FOR MODELING BEAM COLUMN JOINTS

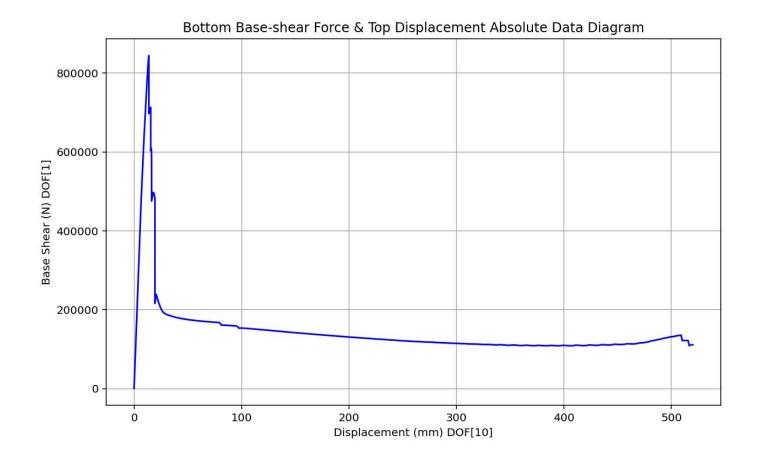
THIS PROGRAM WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)

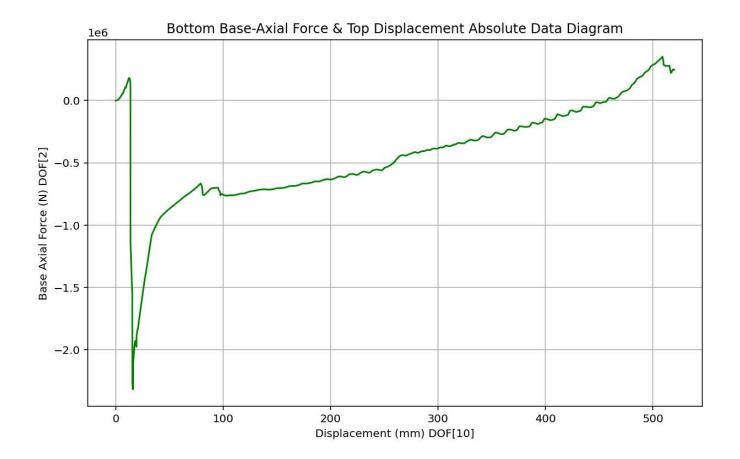


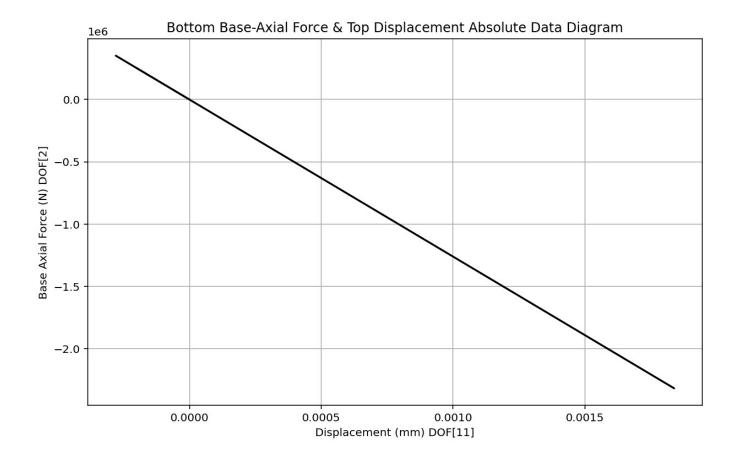


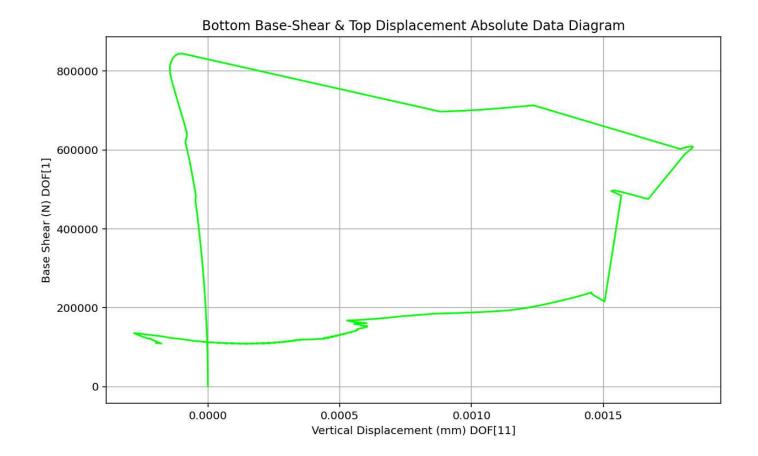


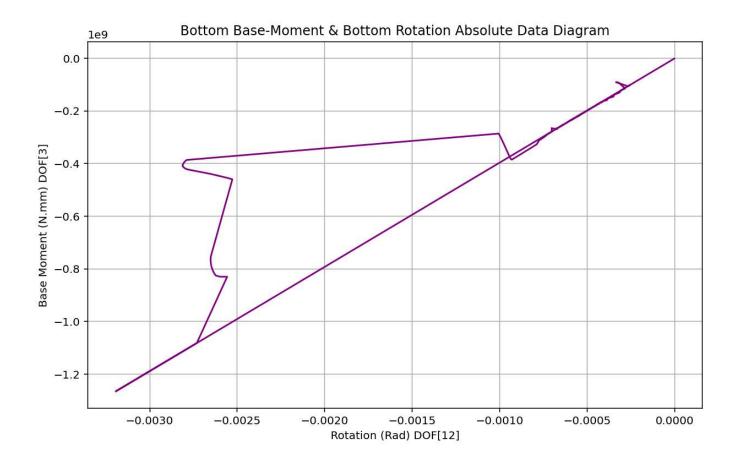
## PUSHOVER ANALYSIS OF CONCRETE COLUMNS WITH AXIAL AND ROTATIONAL SPRINGS FOR MODELING BEAM COLUMN JOINTS

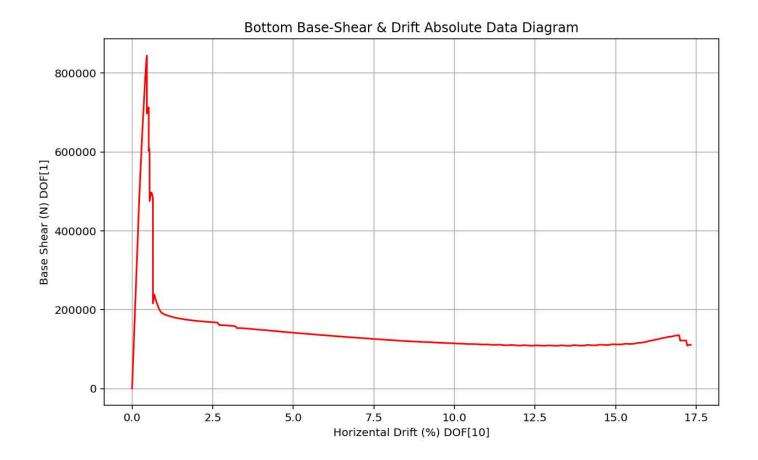




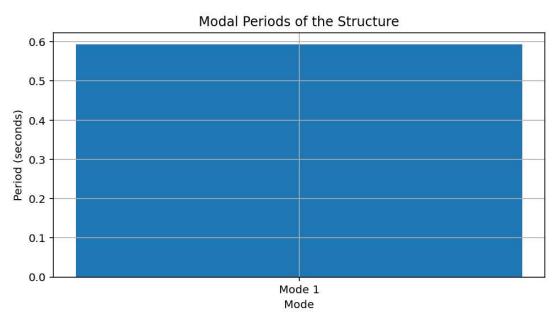








## DYNAMIC ANALYSIS OF CONCRETE COLUMNS WITH AXIAL AND ROTATIONAL SPRINGS FOR MODELING BEAM COLUMN JOINTS



Period: 0.12475926338077073 (s)

Natural Frequency: 8.015436873396377 (Hz)

