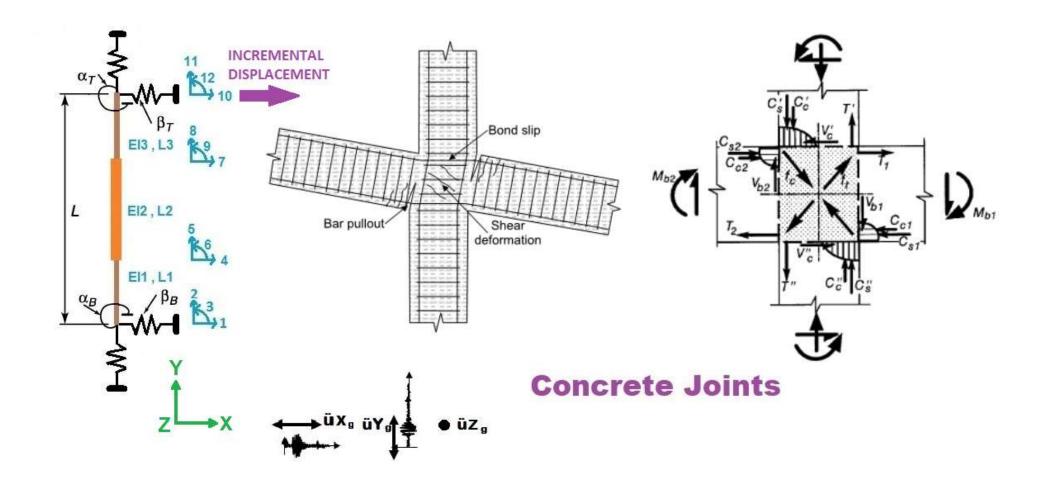
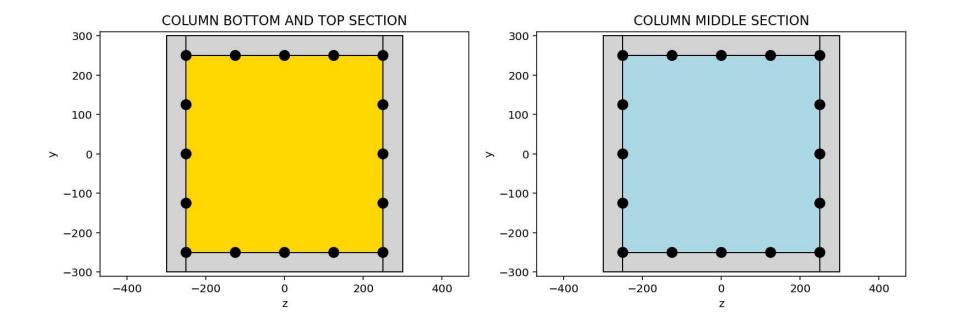
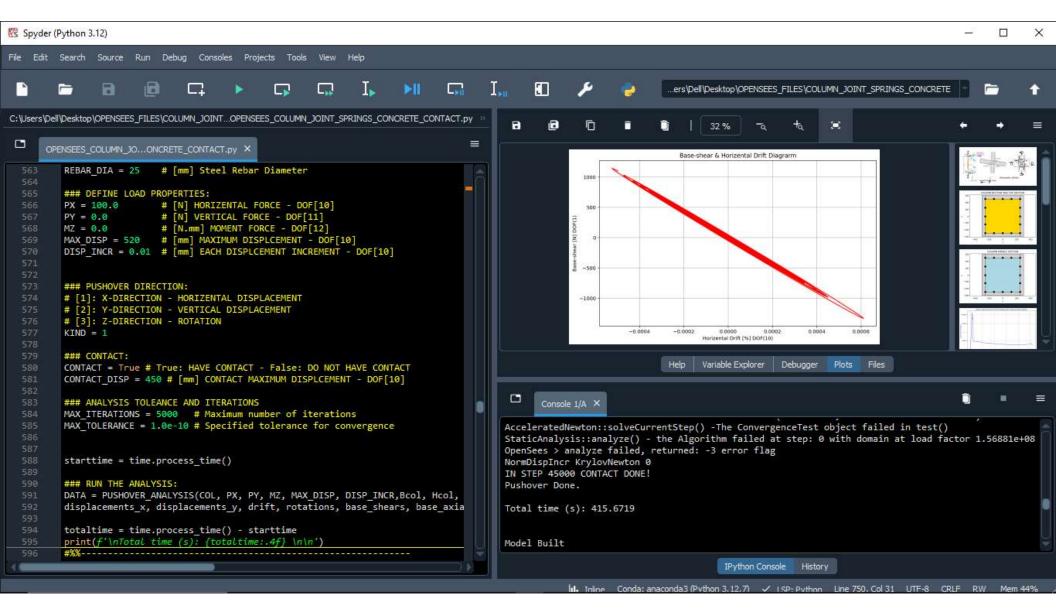
IN THE NAME OF ALLAH

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

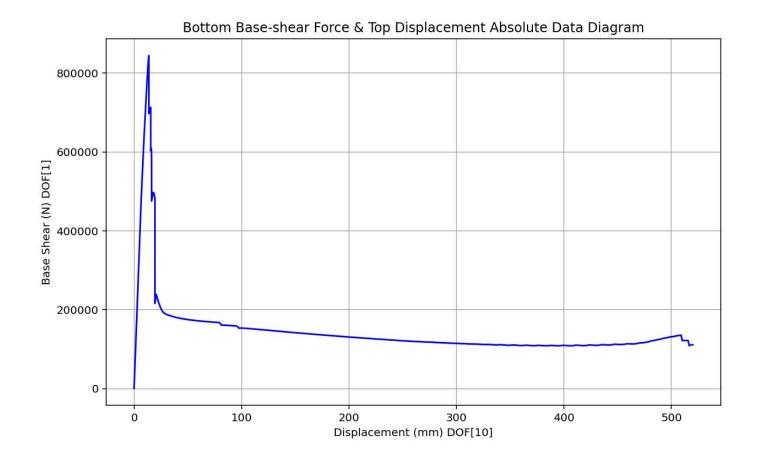
THIS PROGRAM WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)

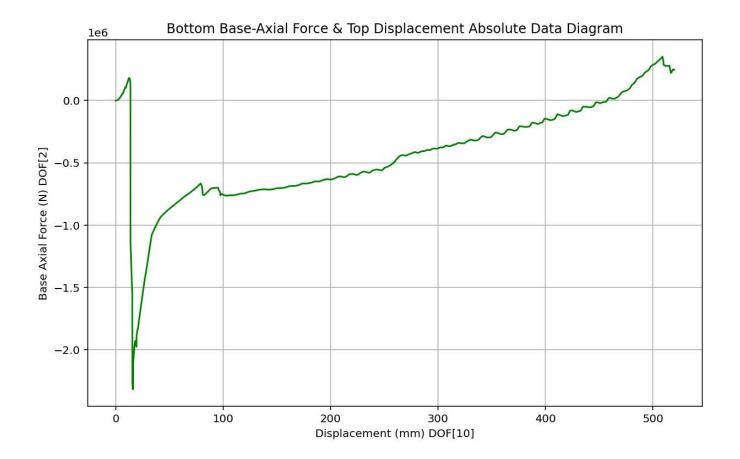


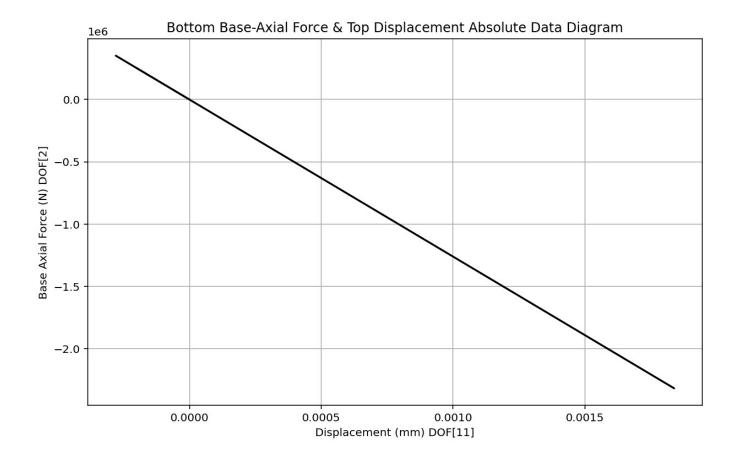


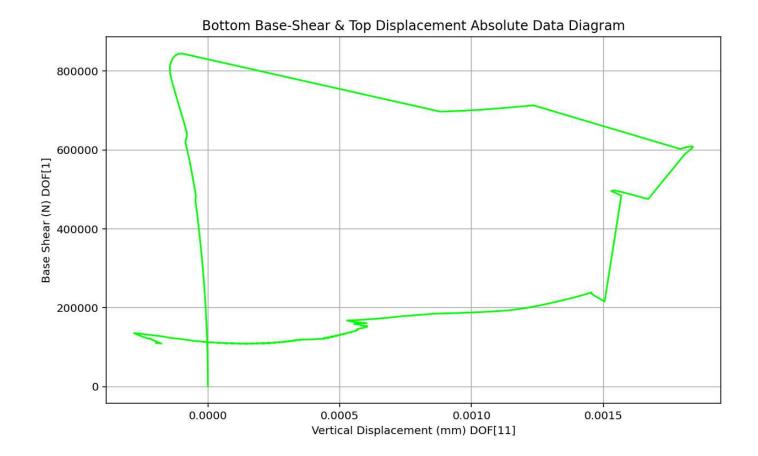


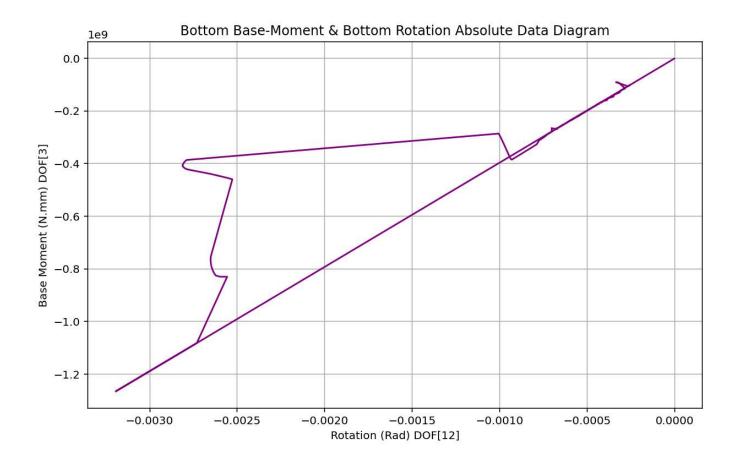
PUSHOVER ANALYSIS OF CONCRETE COLUMNS WITH AXIAL AND ROTATIONAL SPRINGS FOR MODELING BEAM COLUMN JOINTS

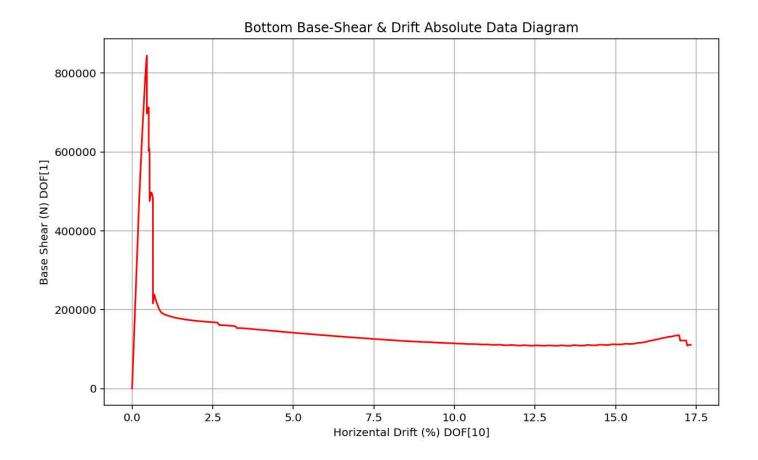




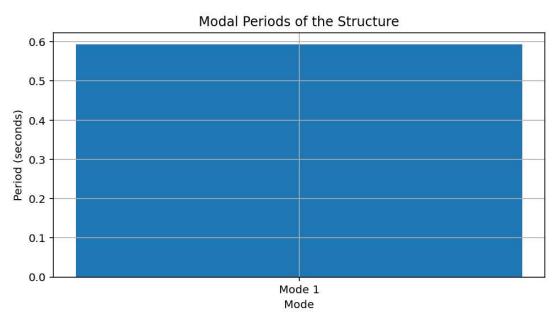








DYNAMIC ANALYSIS OF CONCRETE COLUMNS WITH AXIAL AND ROTATIONAL SPRINGS FOR MODELING BEAM COLUMN JOINTS



Period: 0.12475926338077073 (s)

Natural Frequency: 8.015436873396377 (Hz)

