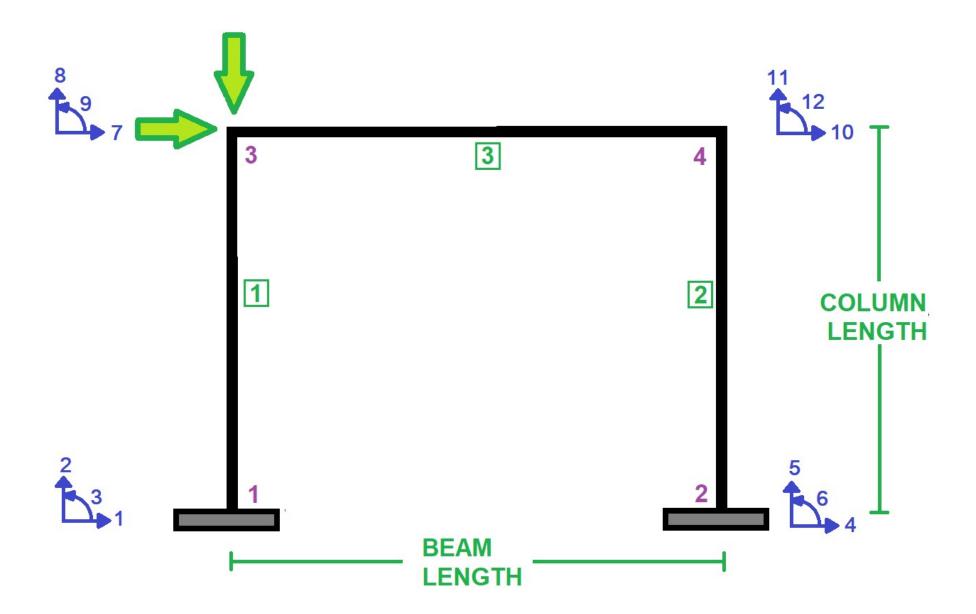
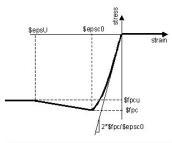
IN THE NAME OF ALLAH, THE MOST GRACIOUS, THE MOST MERCIFUL

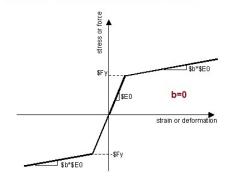
# PUSHOVER ANALYSIS OF COMPOSITE SECTION FRAME AND CALCULATE STRUCTURAL BEHAVIOR COEFFICIENT USING OPENSEES

WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)

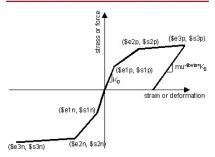




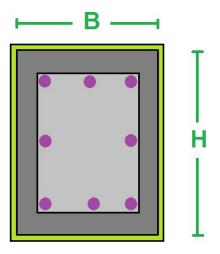
## CORE AND COVER CONCRETE REALTION



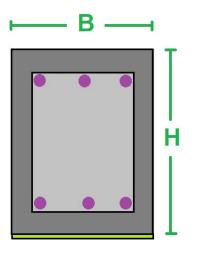
## WITHOUT HARDENING AND ULTIMATE STRAIN



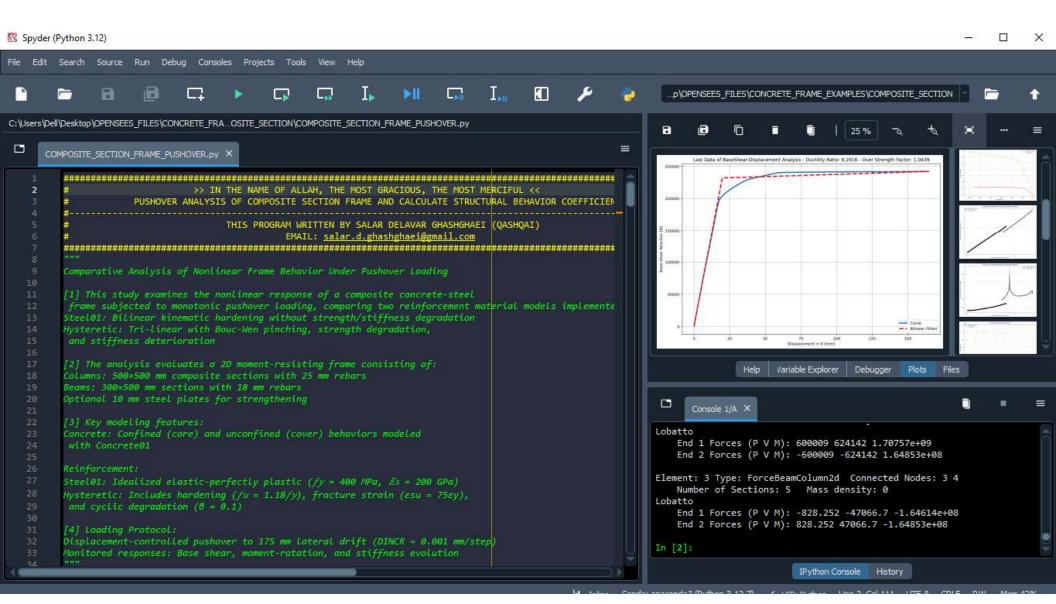
WITH HARDENING AND ULTIMATE STRAIN

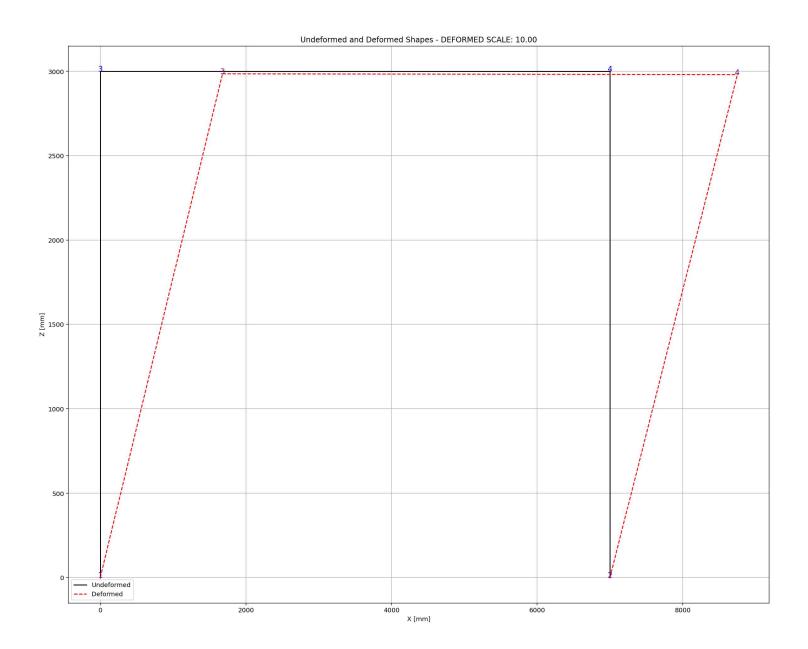


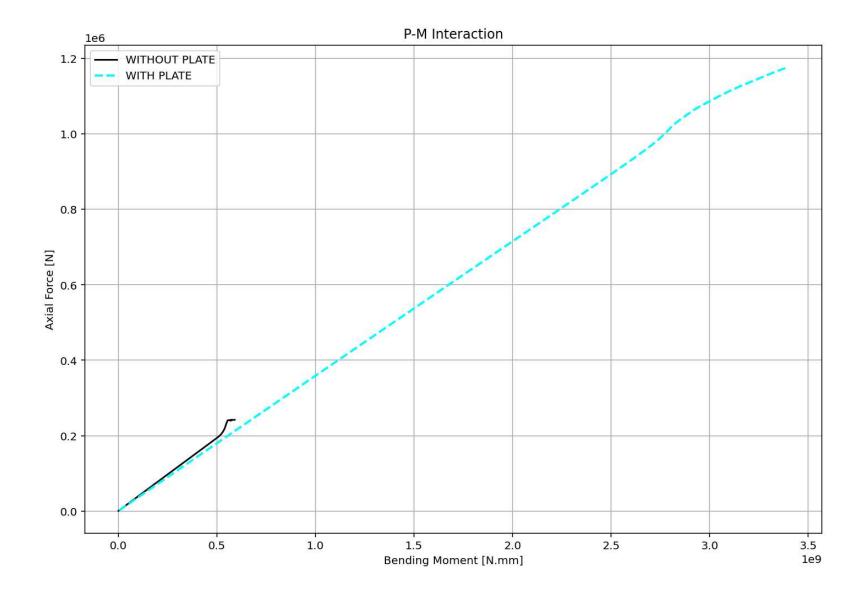
# **COLUMN SECTION**

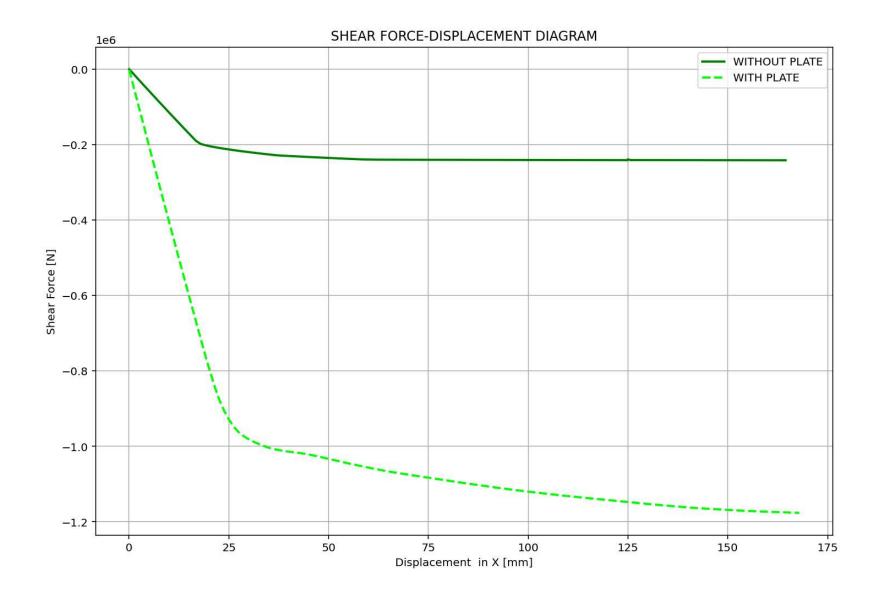


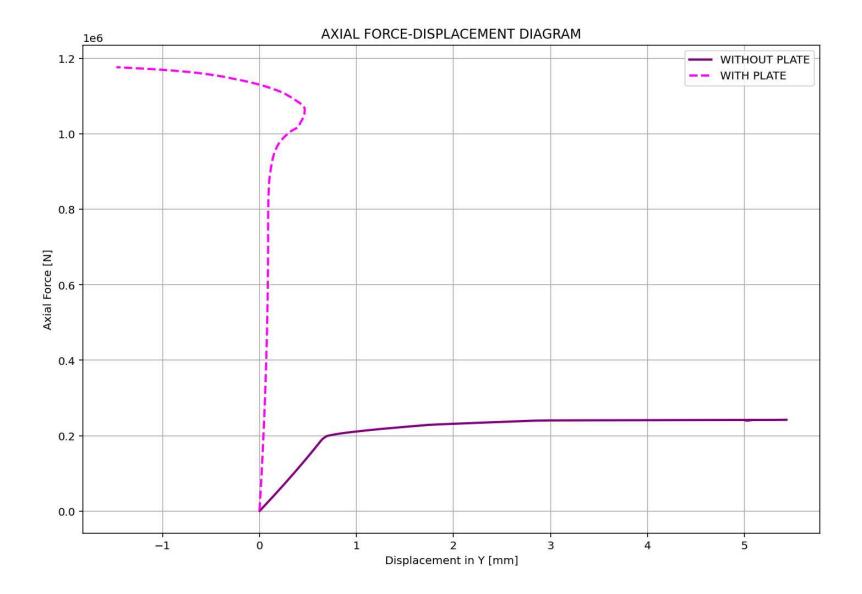
**BEAM SECTION** 

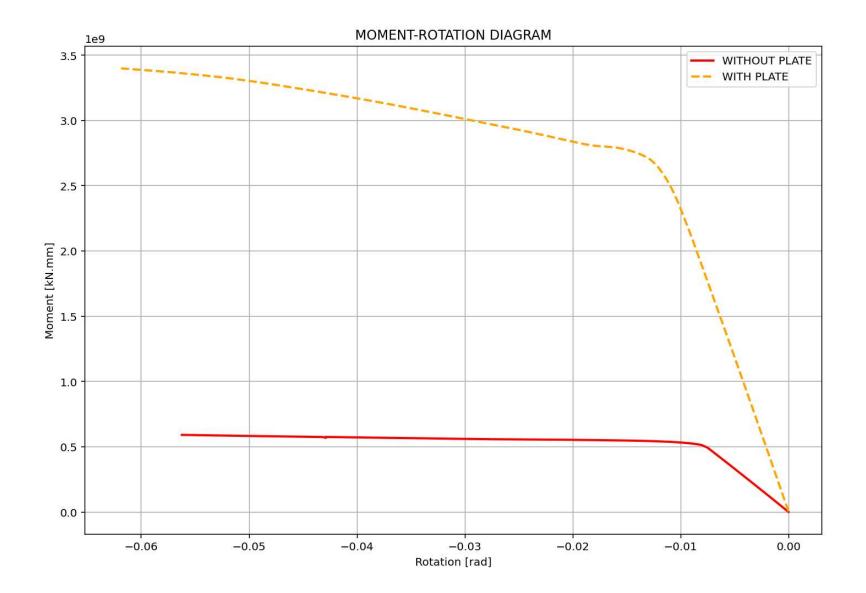




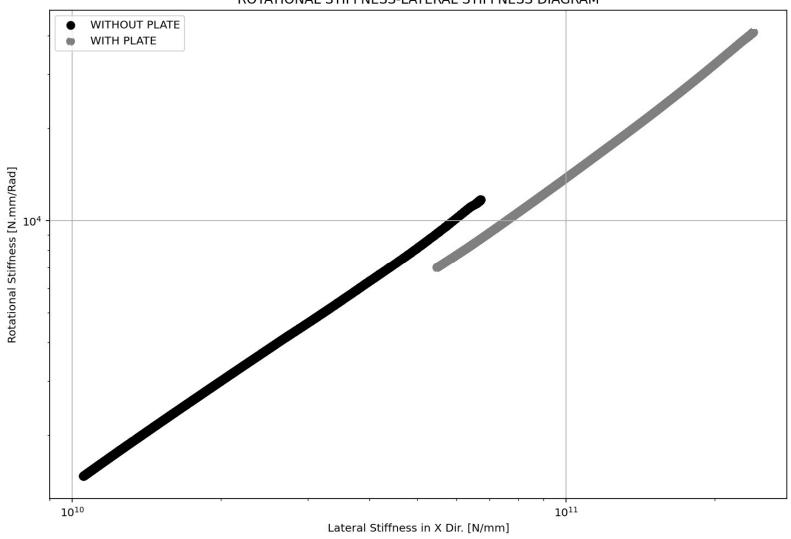








# ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM



# ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM

