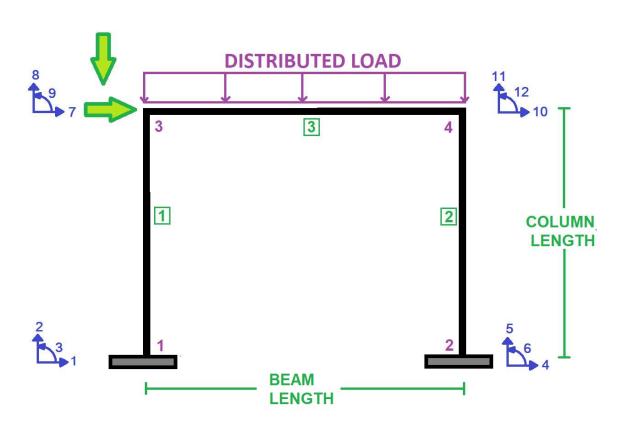
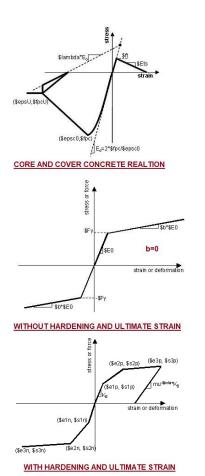
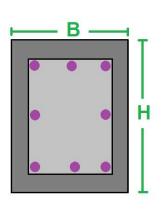
IN THE NAME OF ALLAH

SENSITIVITY ANALYSIS OF CONCRETE FRAME BY CHANGING COLUMN REBAR DIAMETER AND COLUMN SECTION DEPTH. ANALYZING CREEP AND SHRINKAGE OF A CONCRETE FRAME. EVALUATING STRAIN HARDENING USING OPENSEES AND CALCULATE STRUCTURAL BEHAVIOR COEFFICIENT

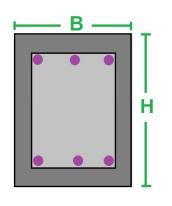
WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)





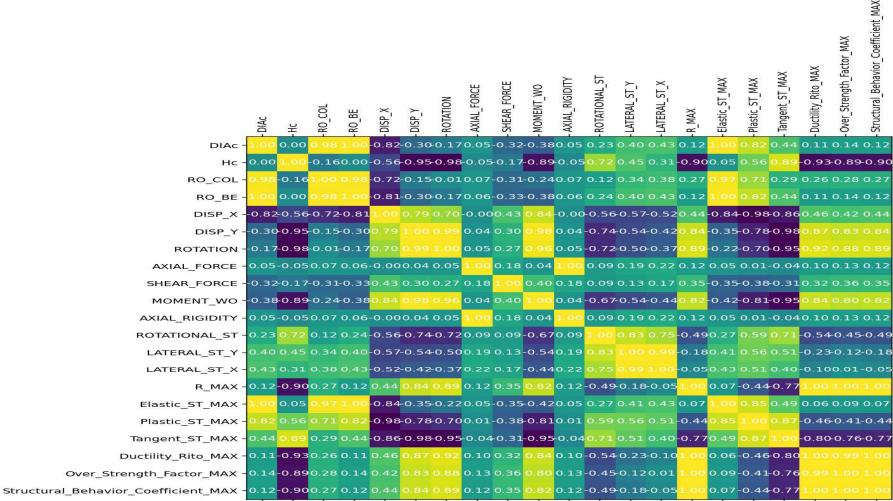


COLUMN SECTION

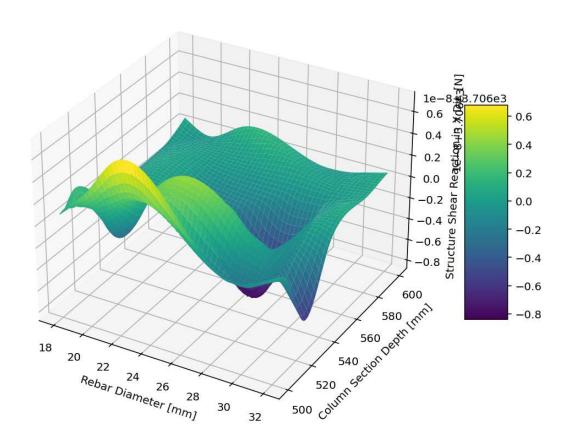


BEAM SECTION

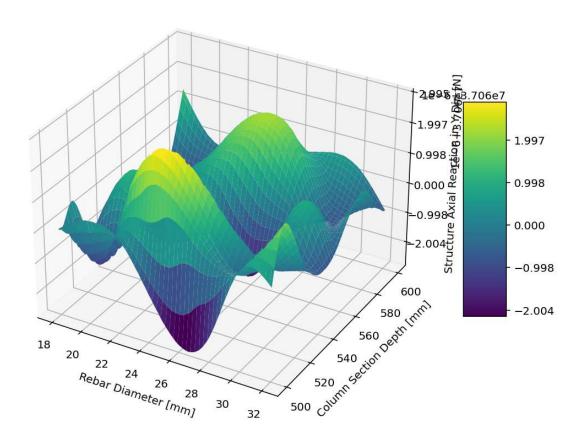
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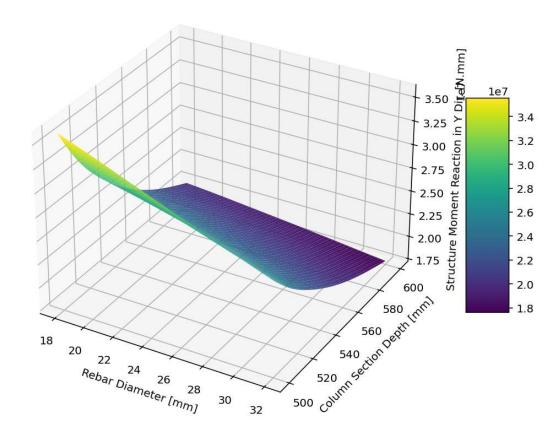


3D Contour Plot of Structure Shear Reaction in X Dir. [N]

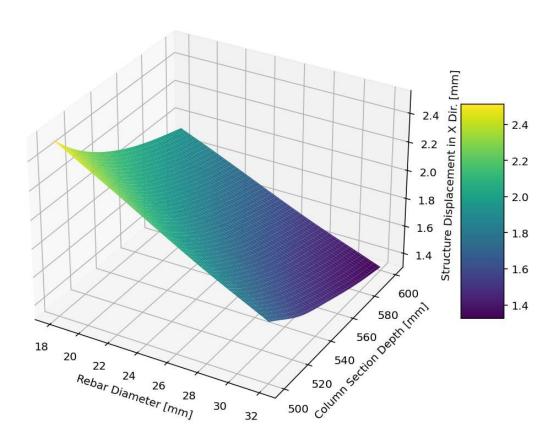


3D Contour Plot of Structure Axial Reaction in Y Dir. [N]

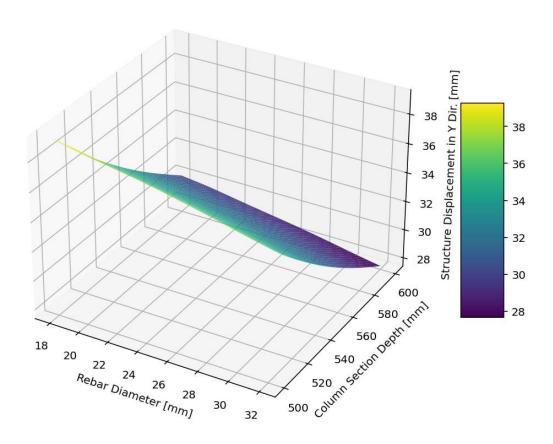




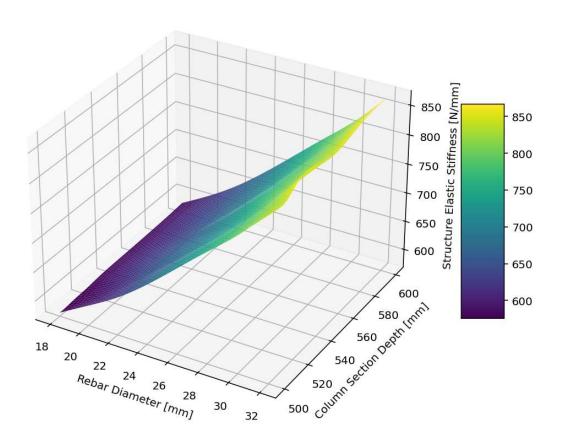
3D Contour Plot of Structure Displacement in X Dir. [mm]



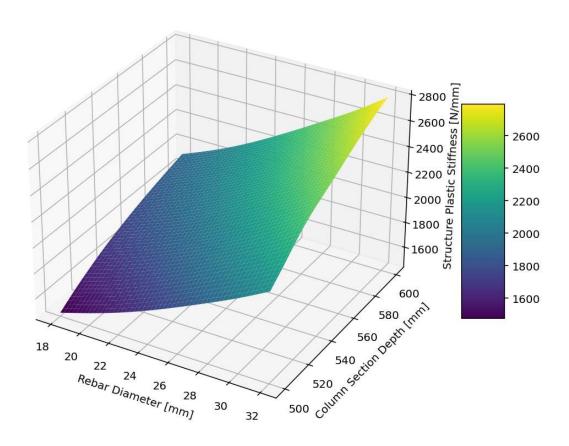
3D Contour Plot of Structure Displacement in Y Dir. [mm]



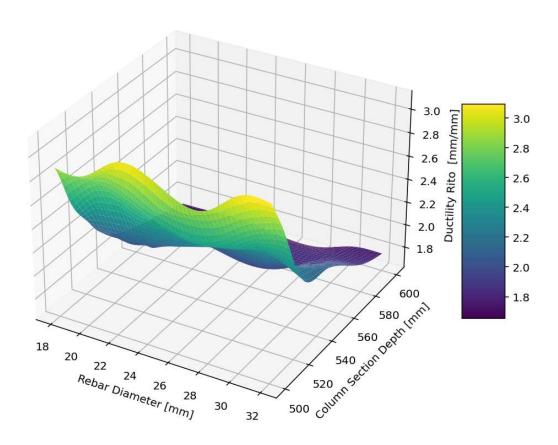
3D Contour Plot of Structure Elastic Stiffness [N/mm]



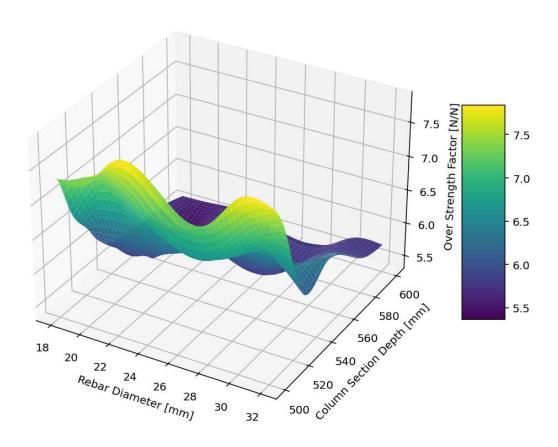
3D Contour Plot of Structure Plastic Stiffness [N/mm]



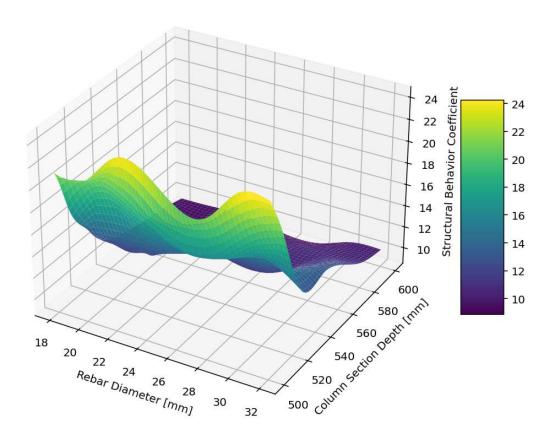
3D Contour Plot of Ductility Rito [mm/mm]

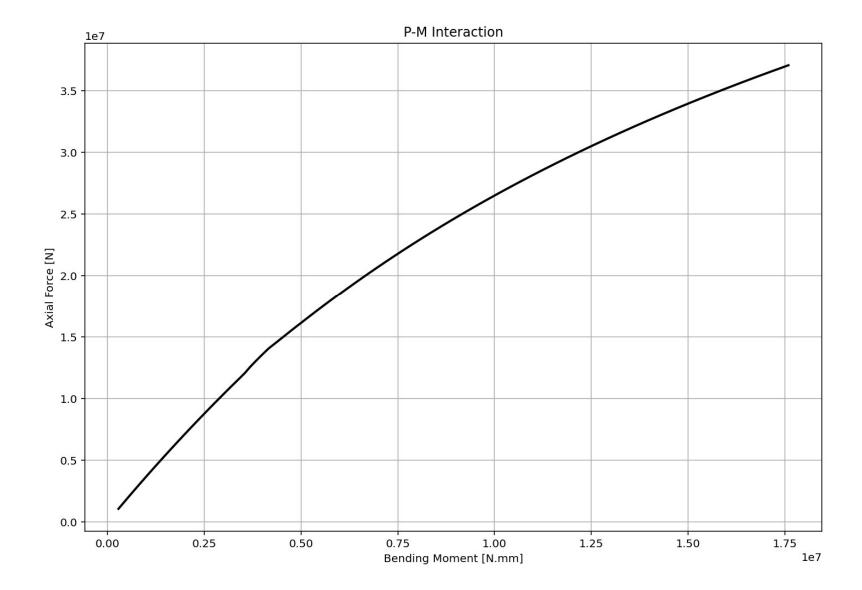


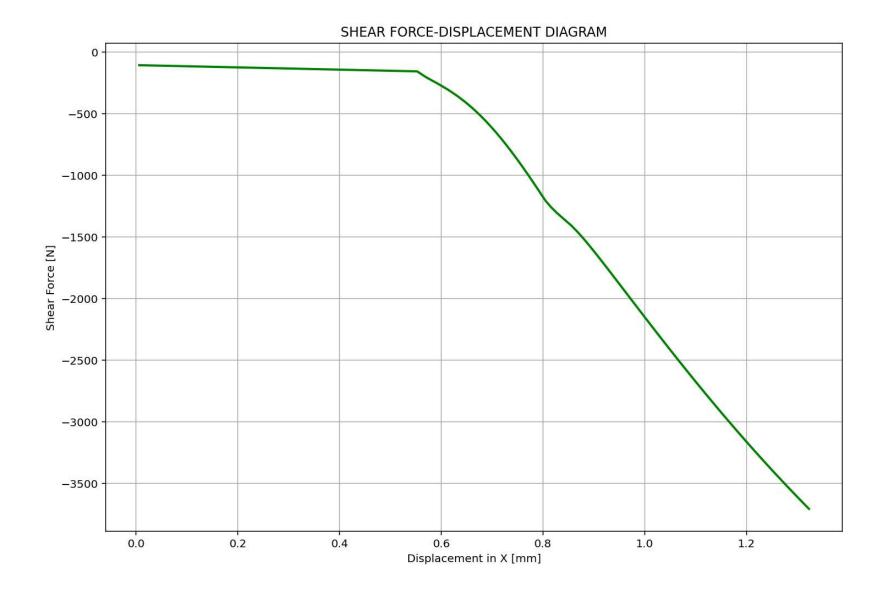
3D Contour Plot of Over Strength Factor [N/N]

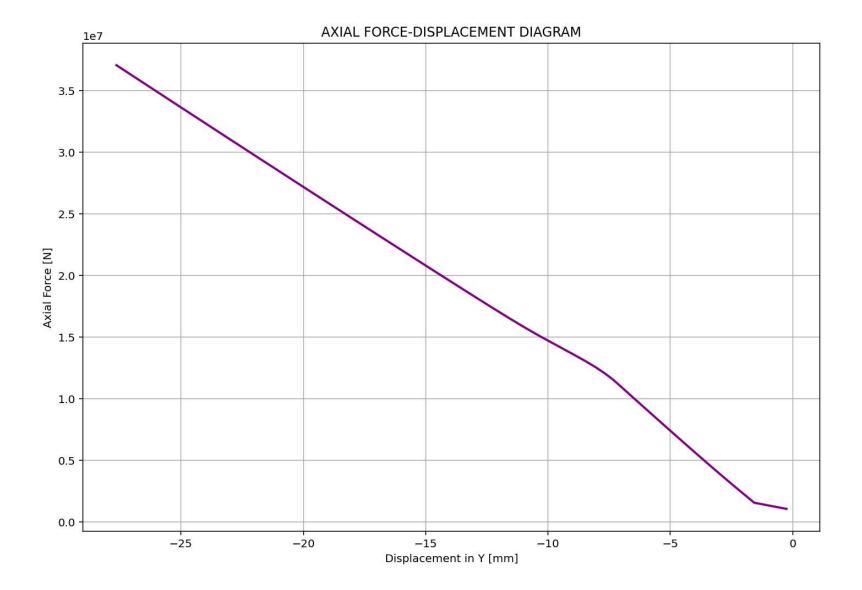


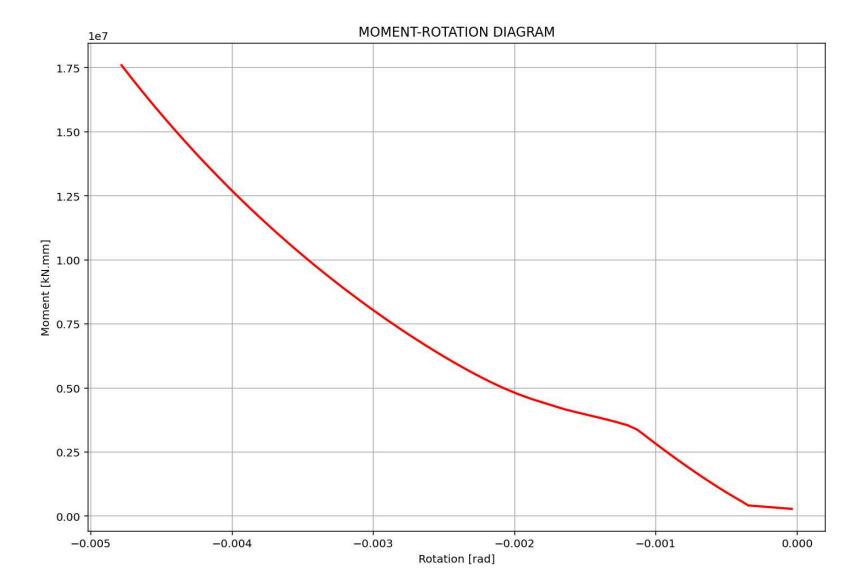
3D Contour Plot of Structural Behavior Coefficient



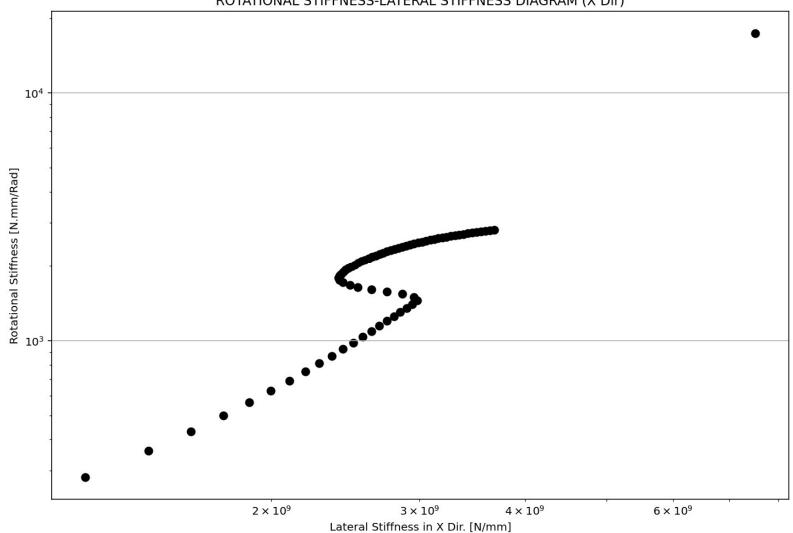








ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM (X Dir)



ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM (Y Dir)

