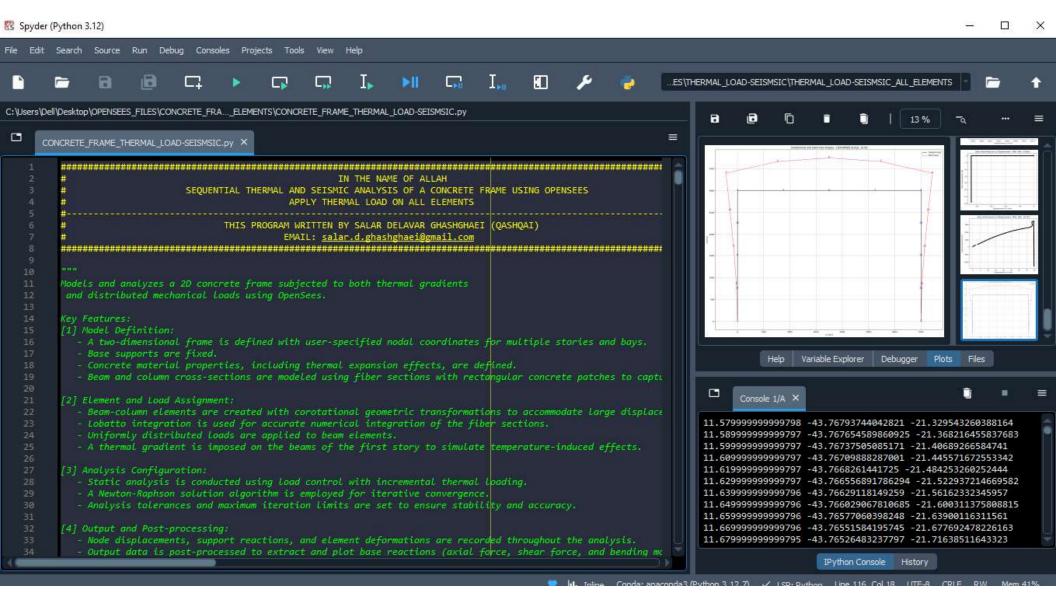
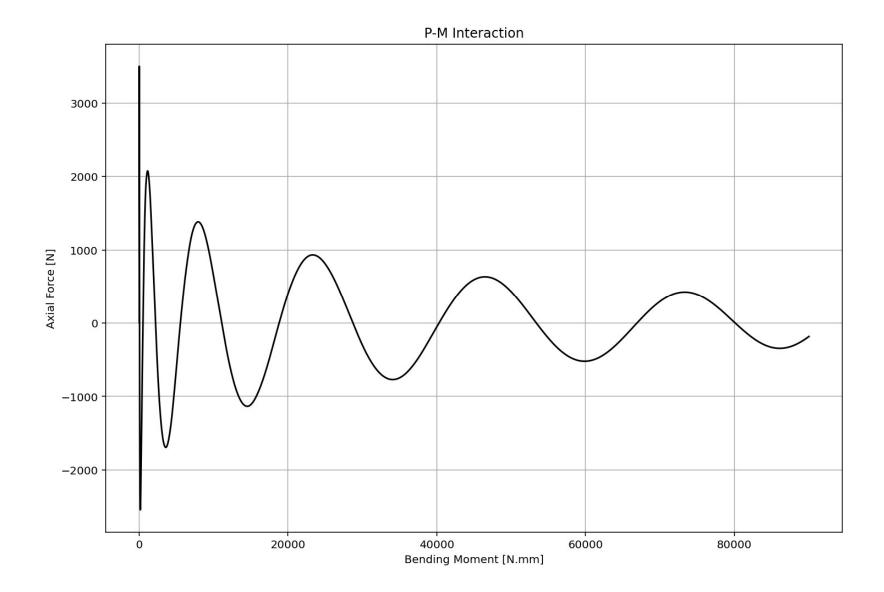


IN THE NAME OF ALLAH

SEQUENTIAL THERMAL LOAD AND SEISMIC ANALYSIS OF A CONCRETE FRAME USING OPENSEES. THERMAL LOAD APPLIED THERMAL LOAD ON ALL ELEMENTS

WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)







-20

Displacement in X [mm]

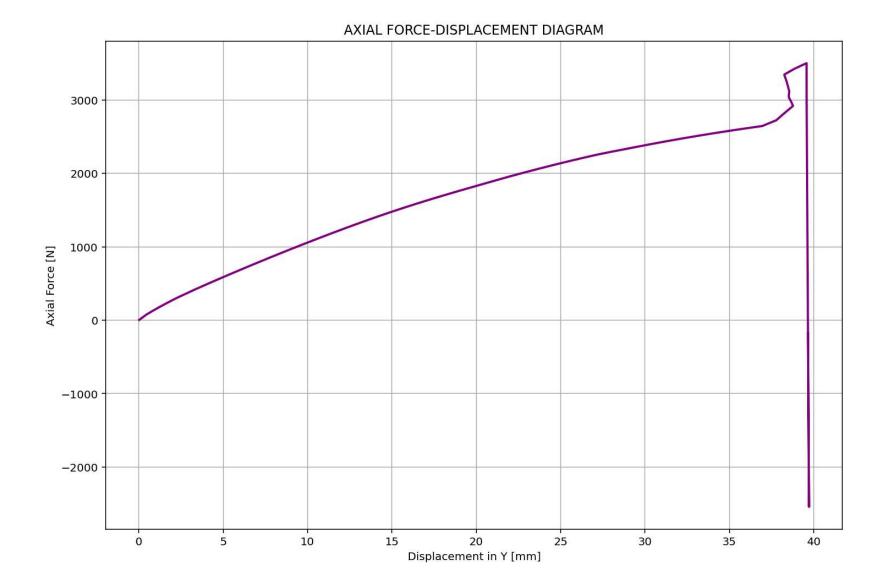
-10

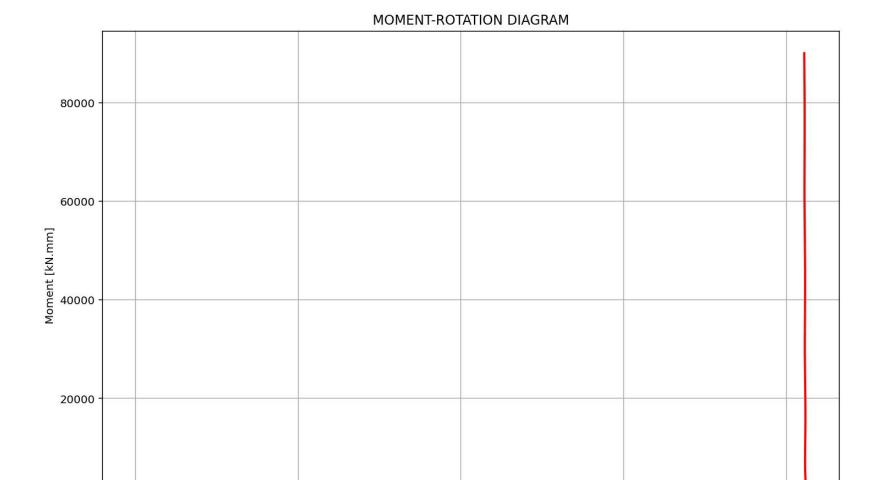
Ó

-35

-40

-30





0.010

Rotation [rad]

0.005

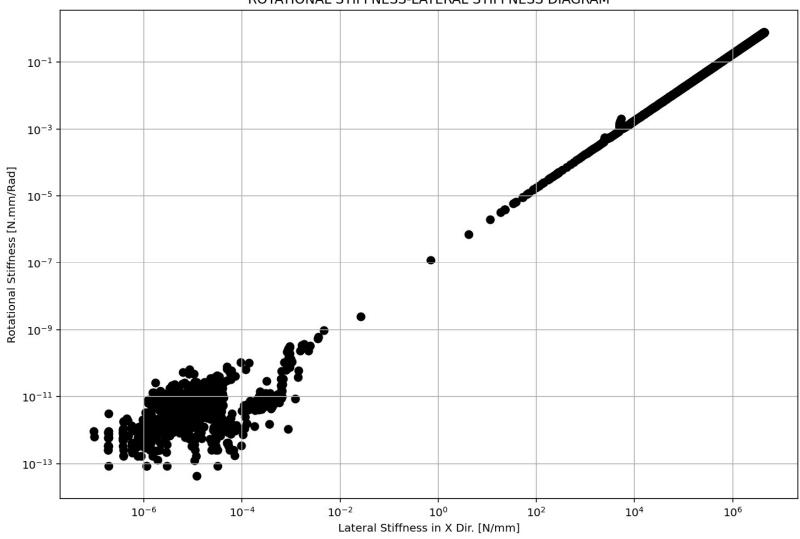
0.015

0.020

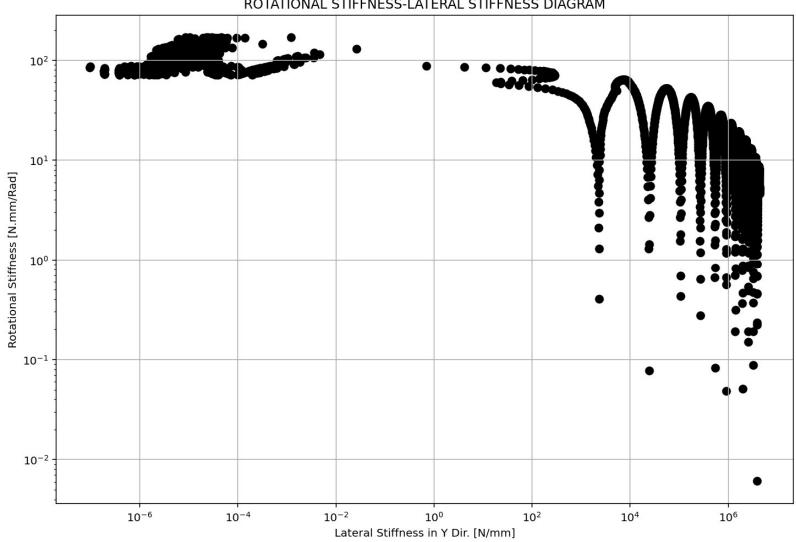
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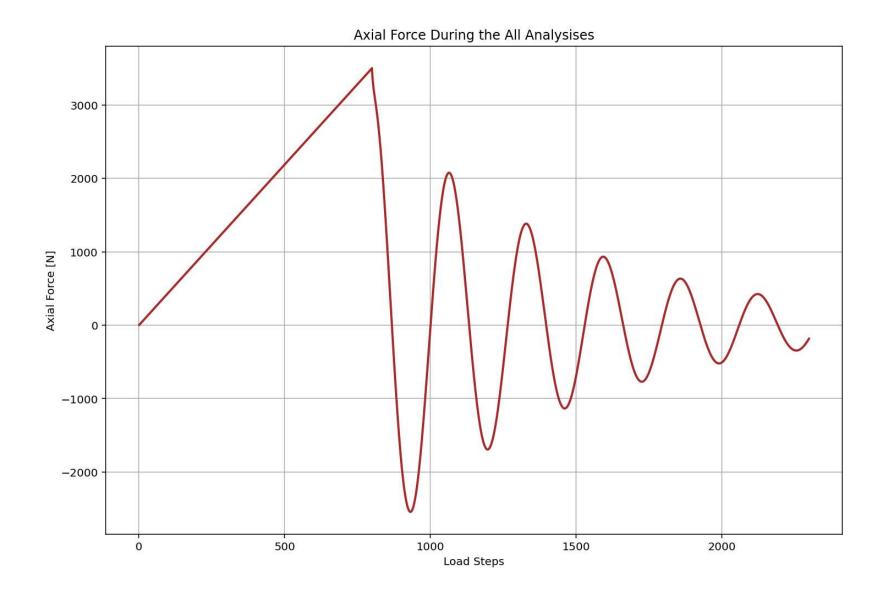
0.000

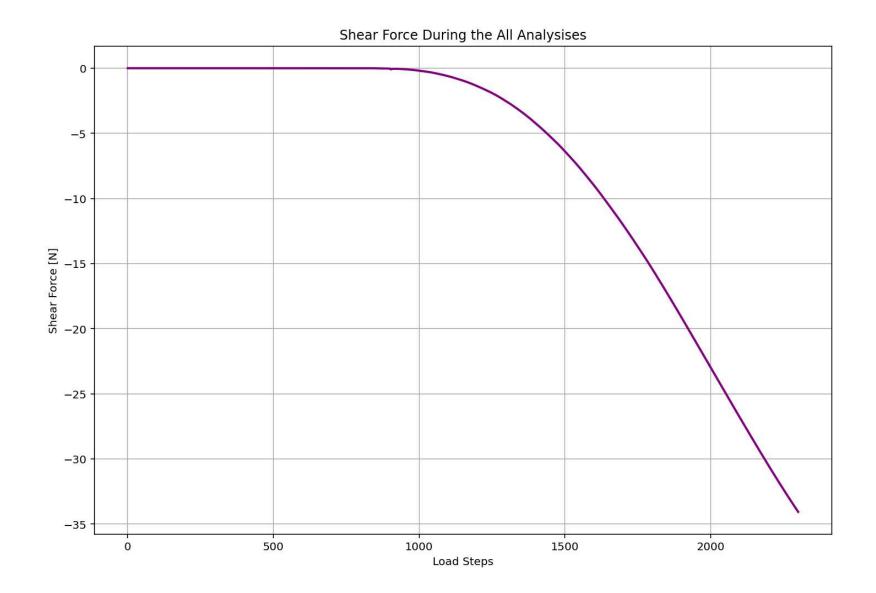
ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM

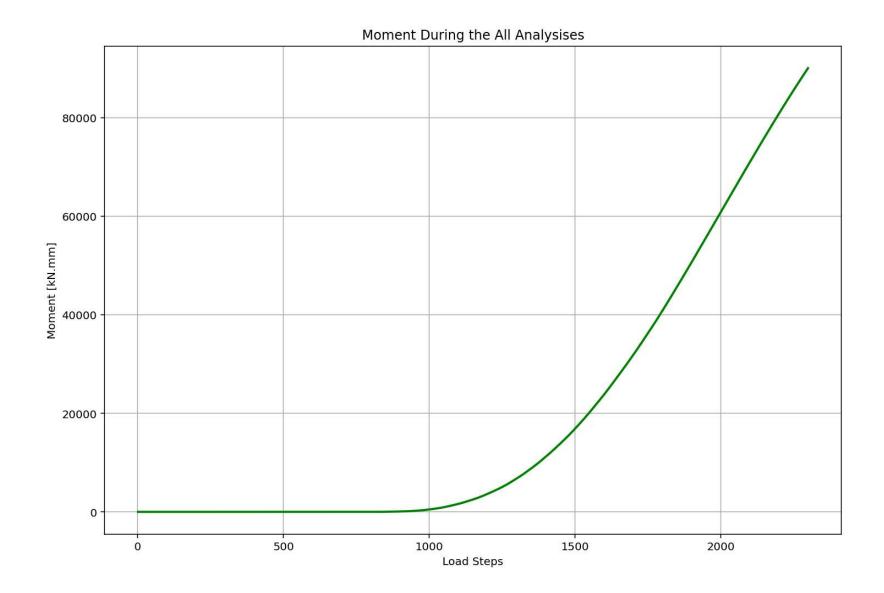


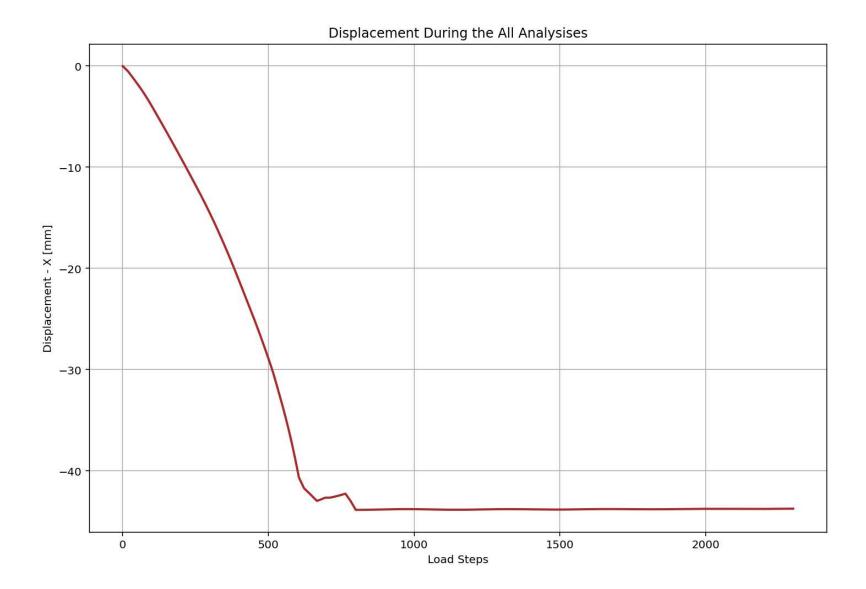
ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM

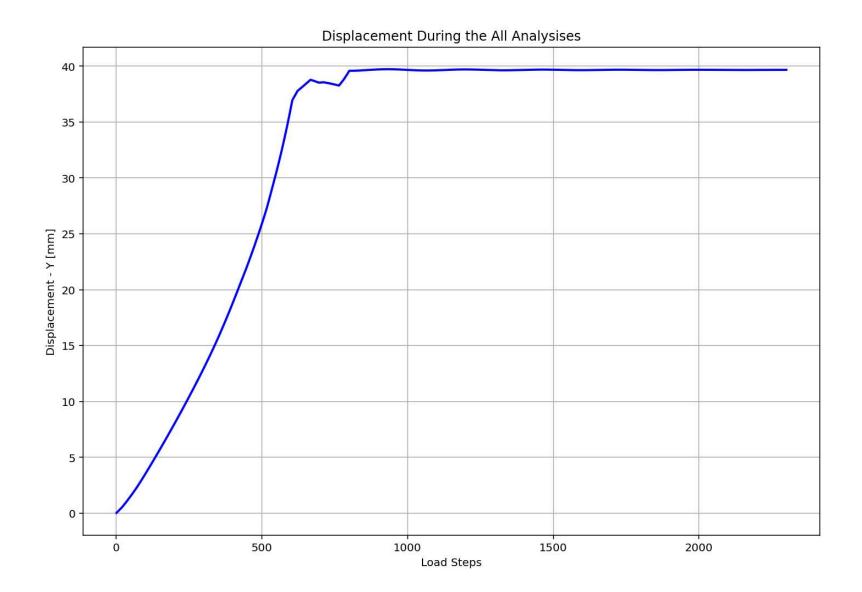


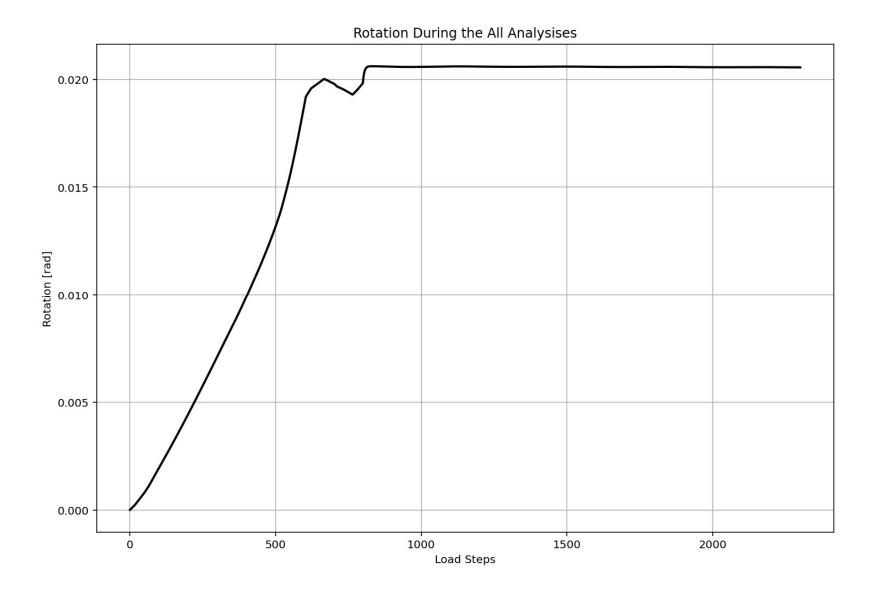




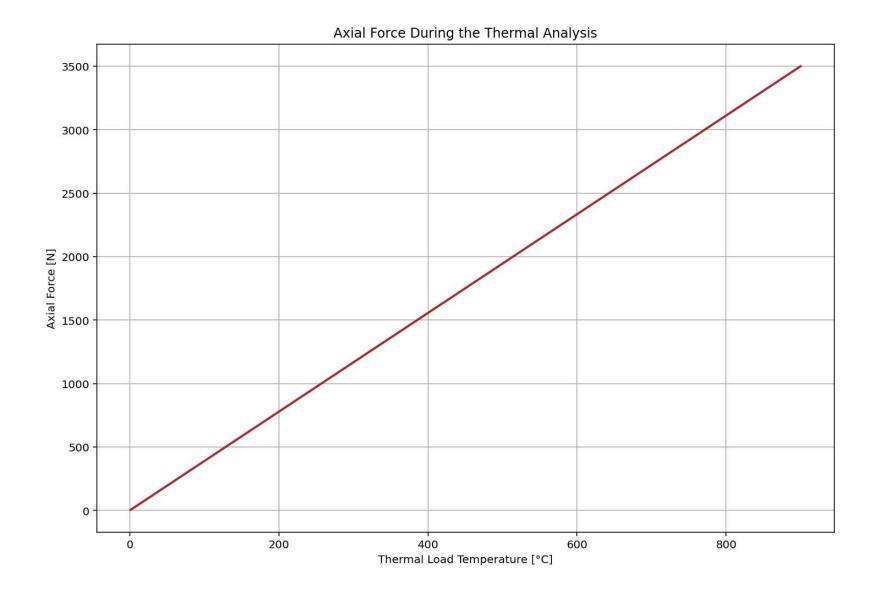


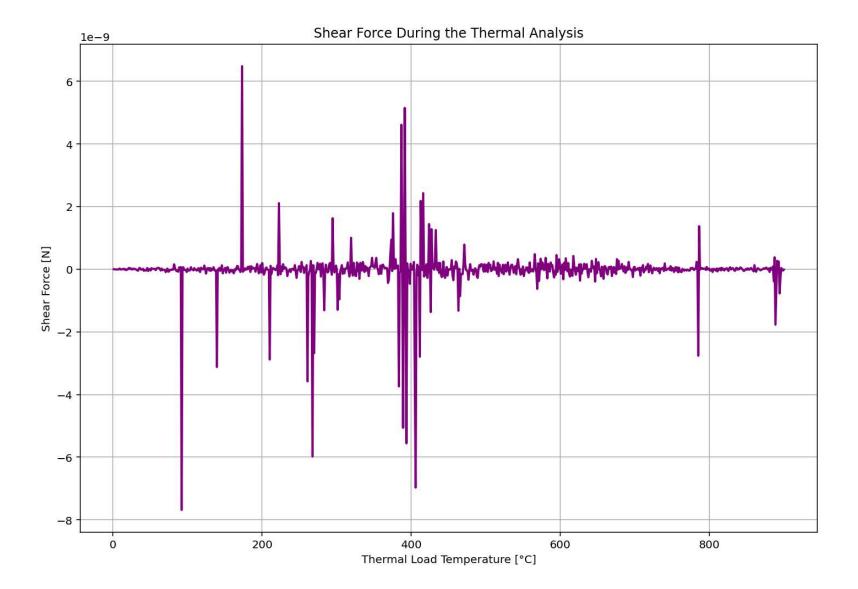


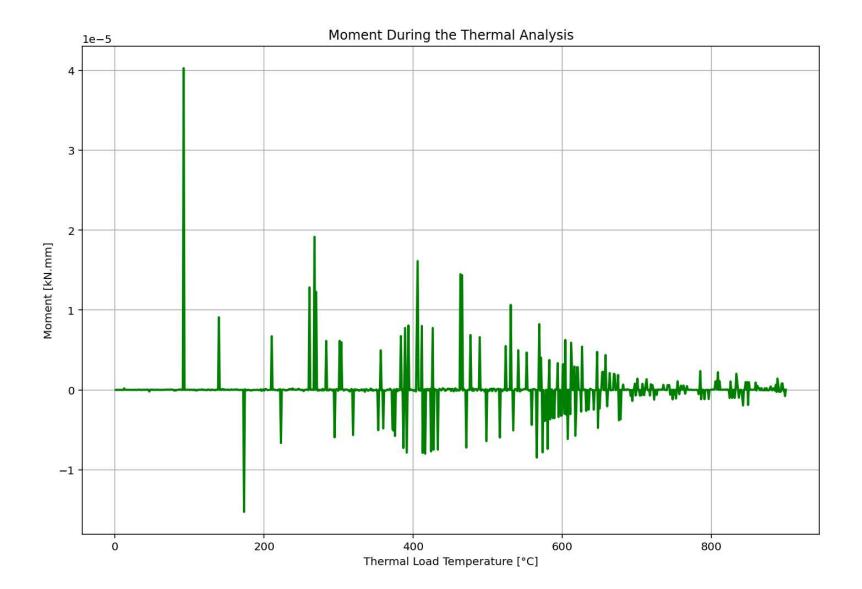


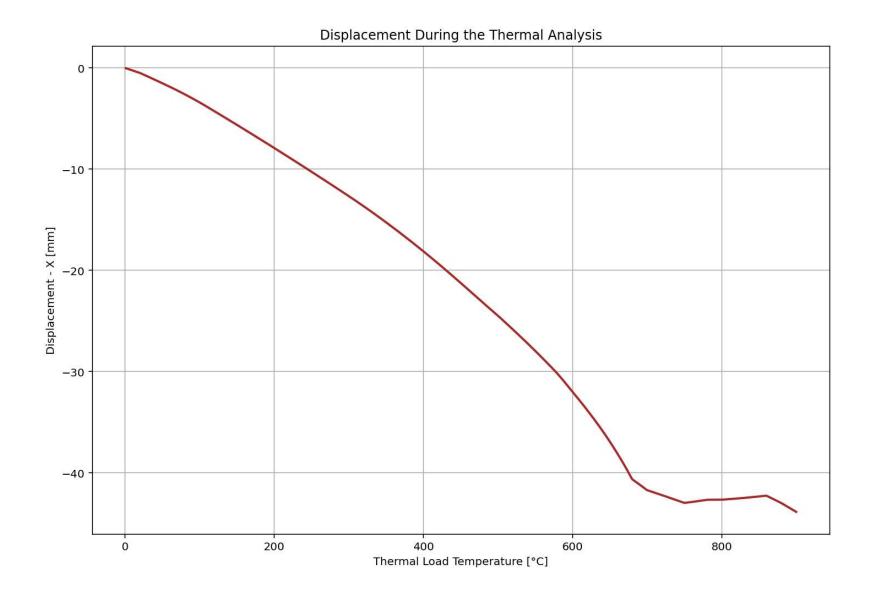


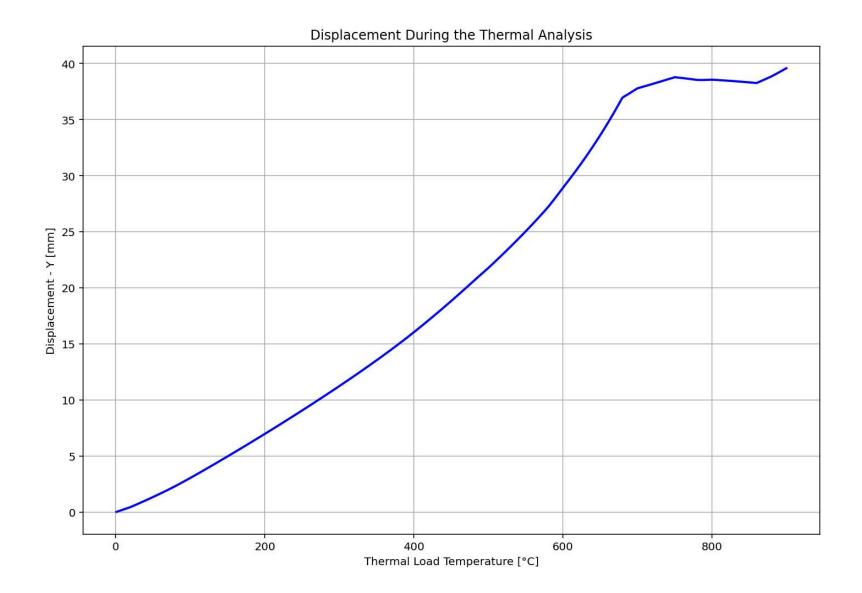
THERMAL ANALYSIS RESULTS

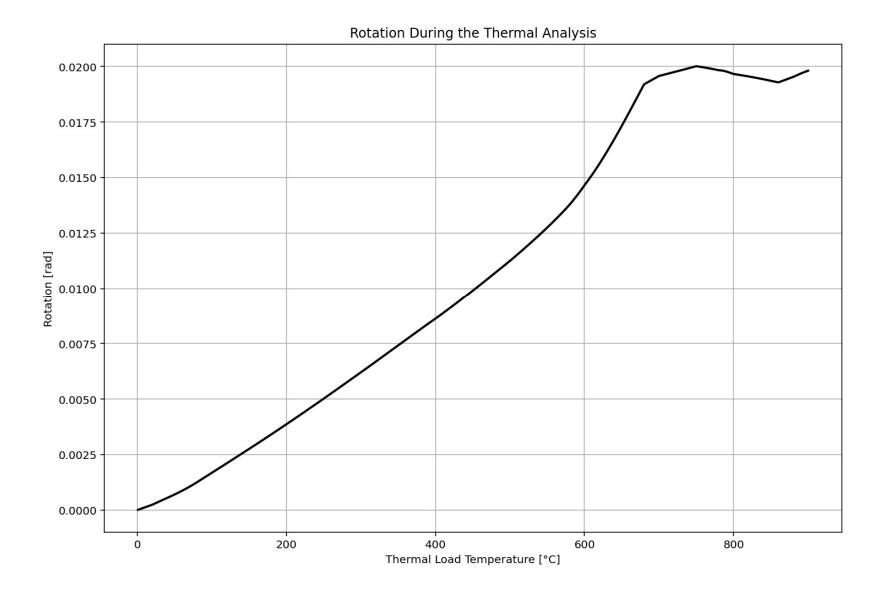












SEISMIC ANALYSIS RESULTS



