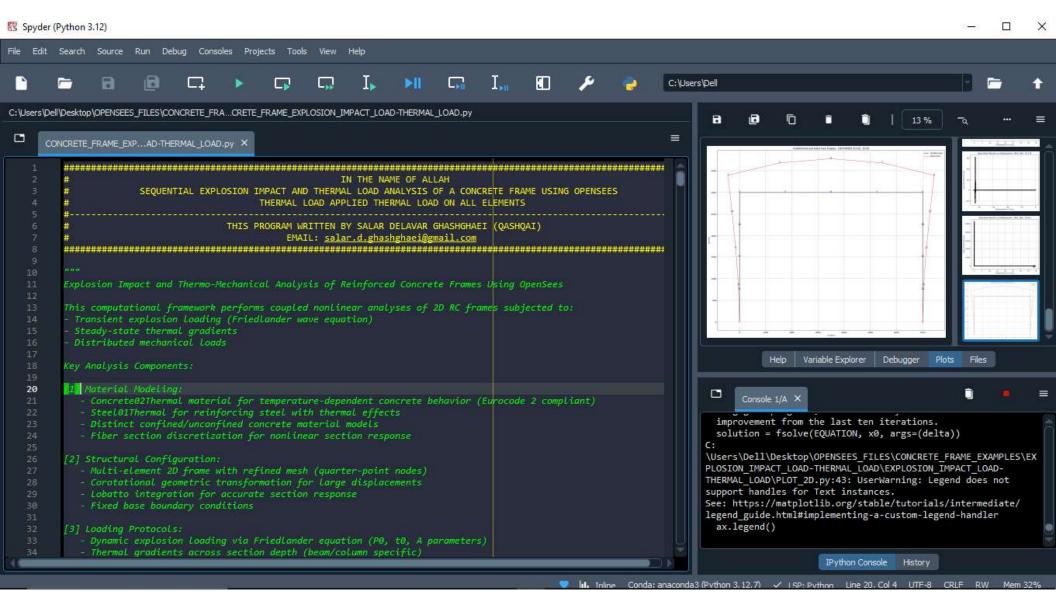
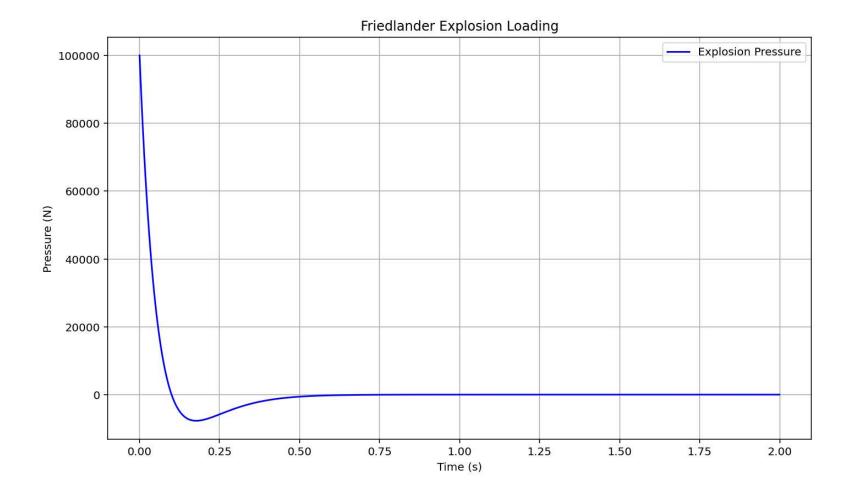


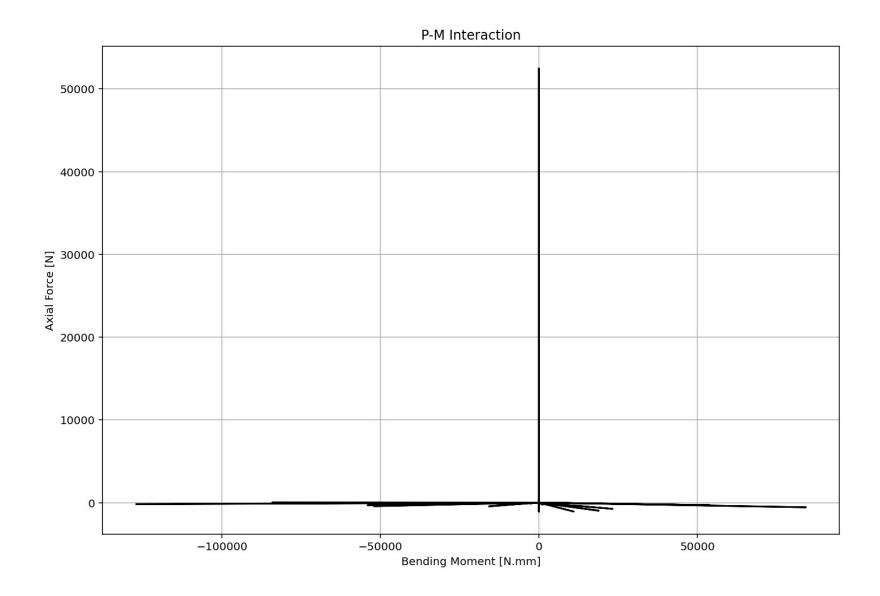
IN THE NAME OF ALLAH

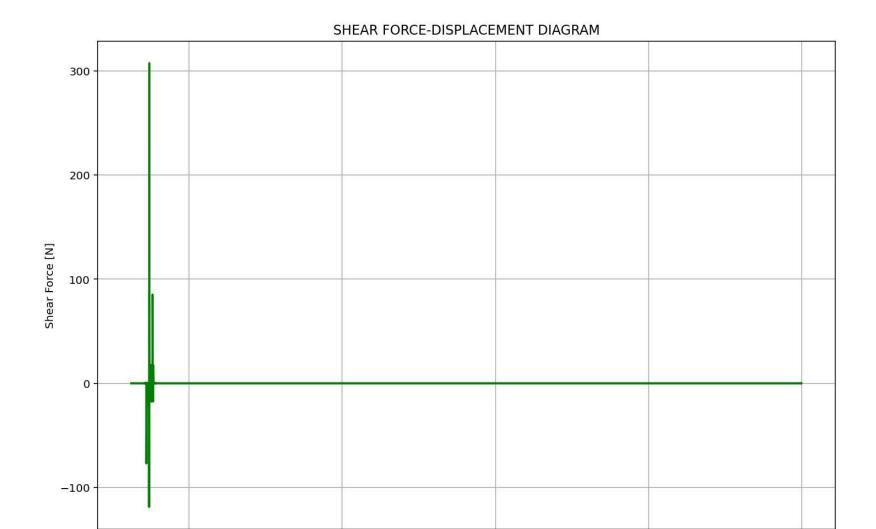
SEQUENTIAL EXPLOSION IMPACT AND THERMAL LOAD ANALYSIS OF A CONCRETE FRAME USING OPENSEES. THERMAL LOAD APPLIED THERMAL LOAD ON ALL ELEMENTS

WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)









-20

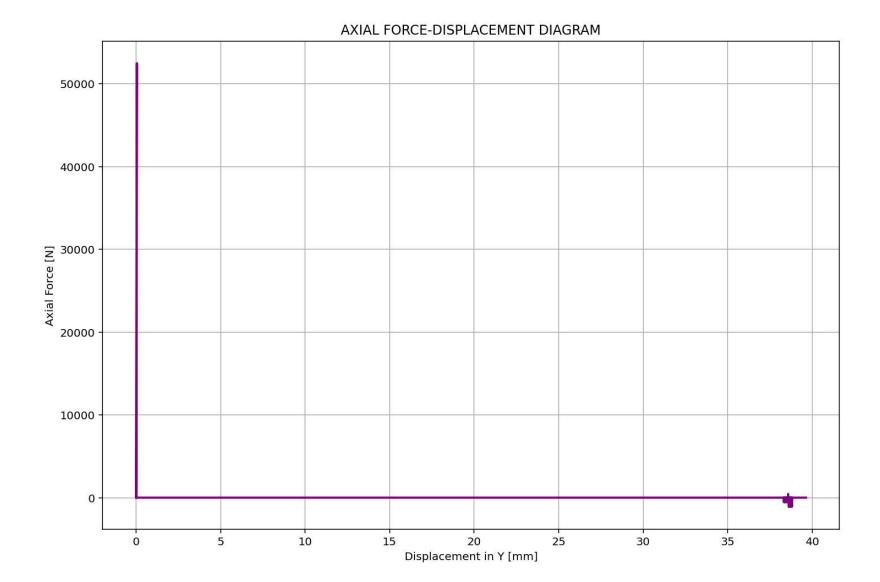
Displacement in X [mm]

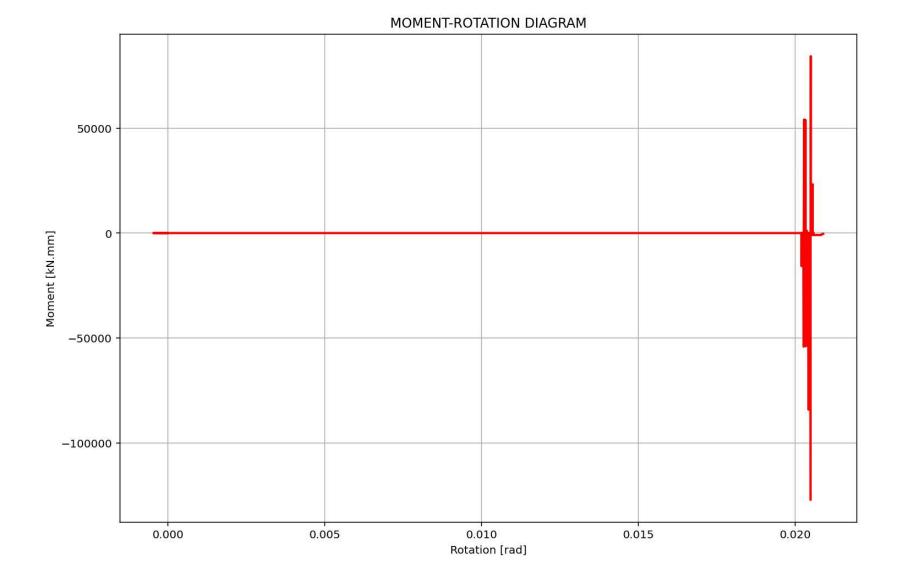
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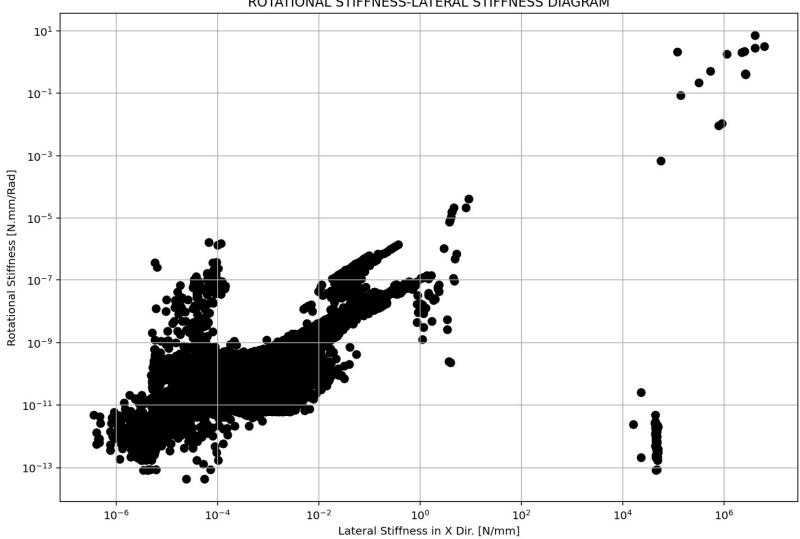
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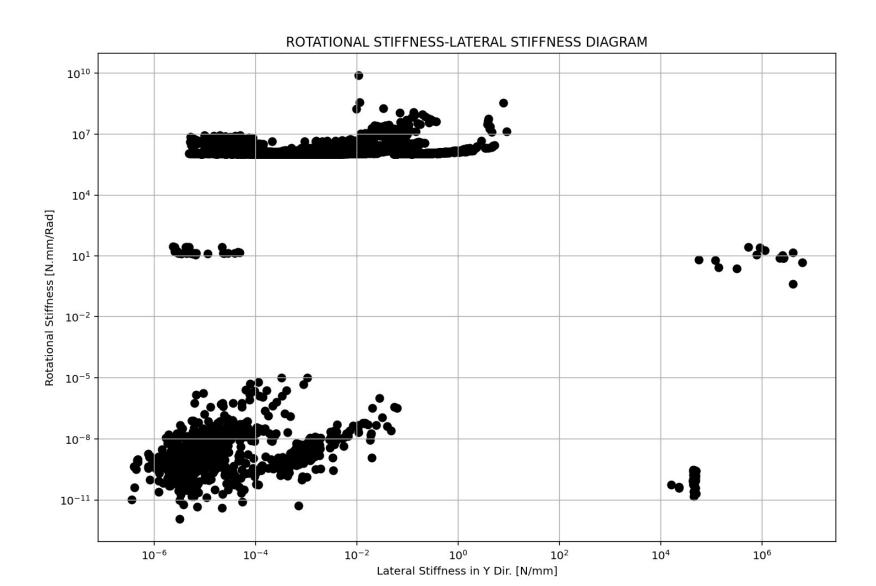
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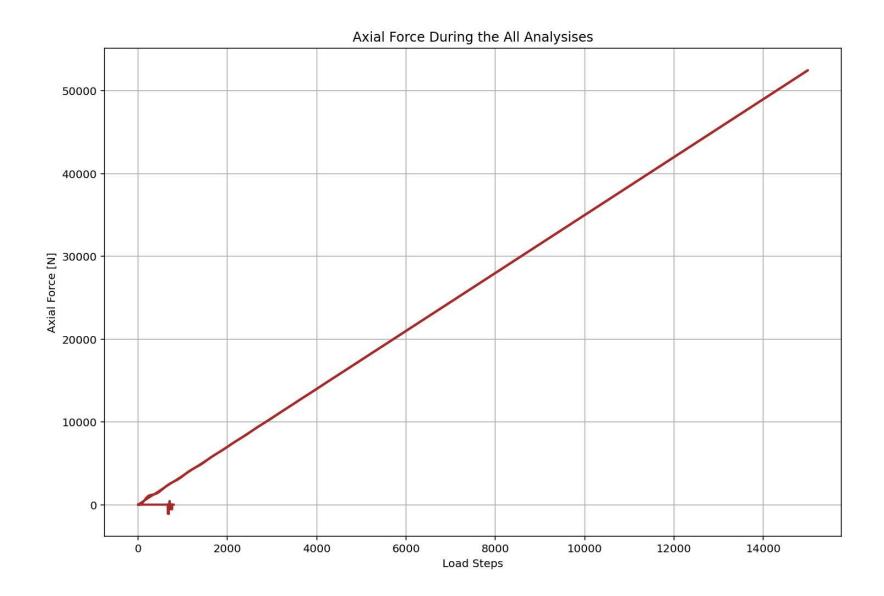


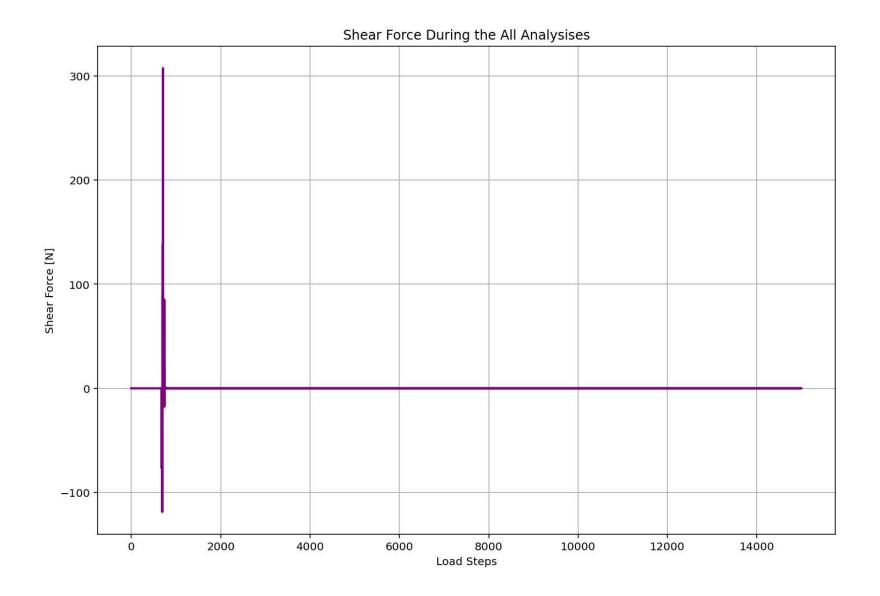


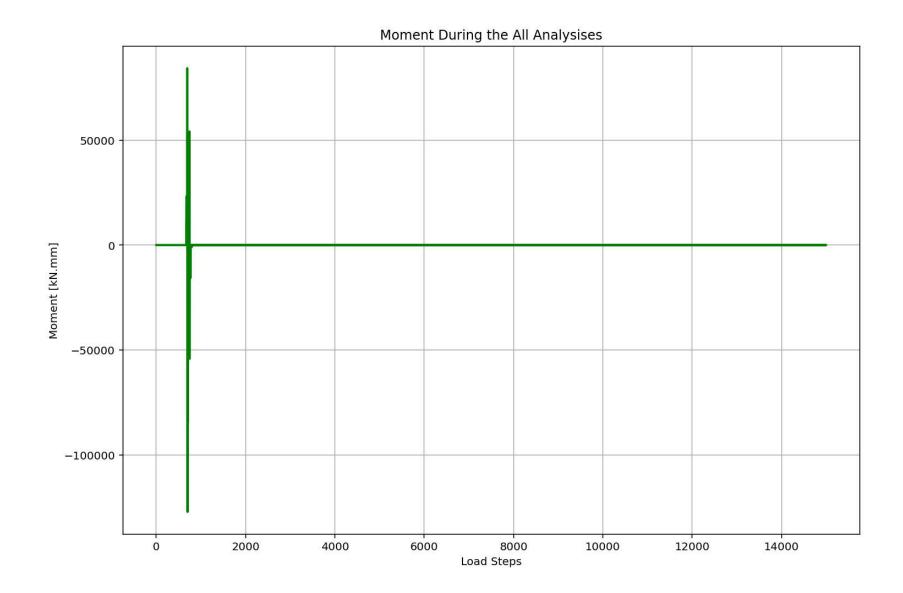
ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM

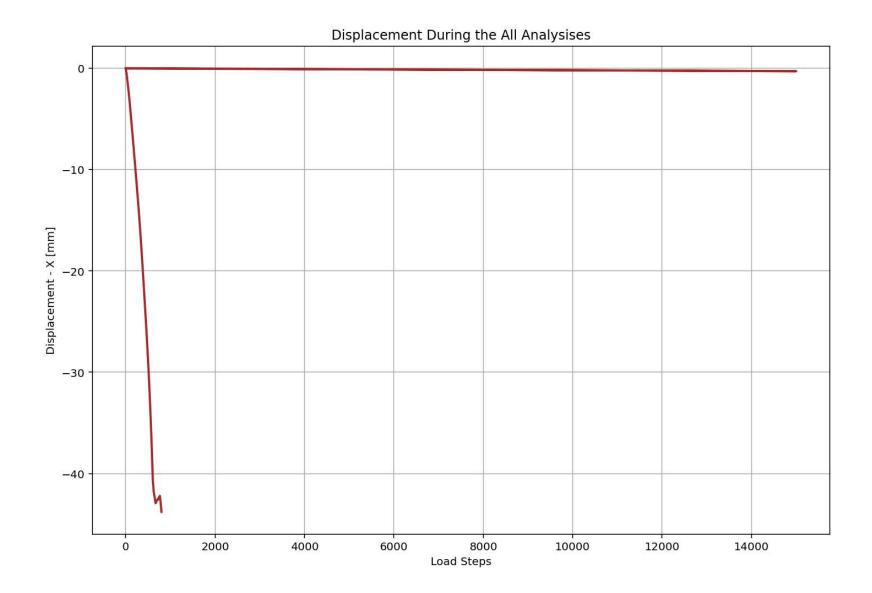


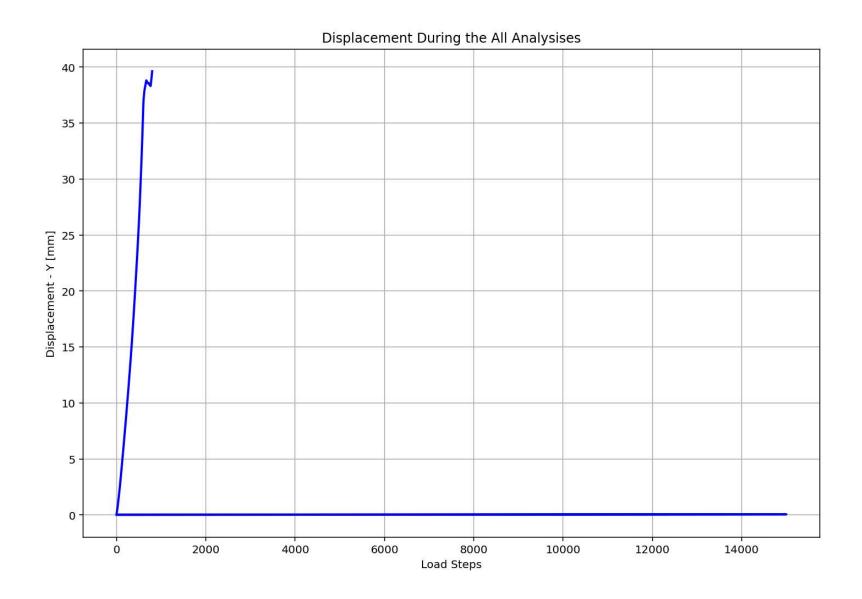


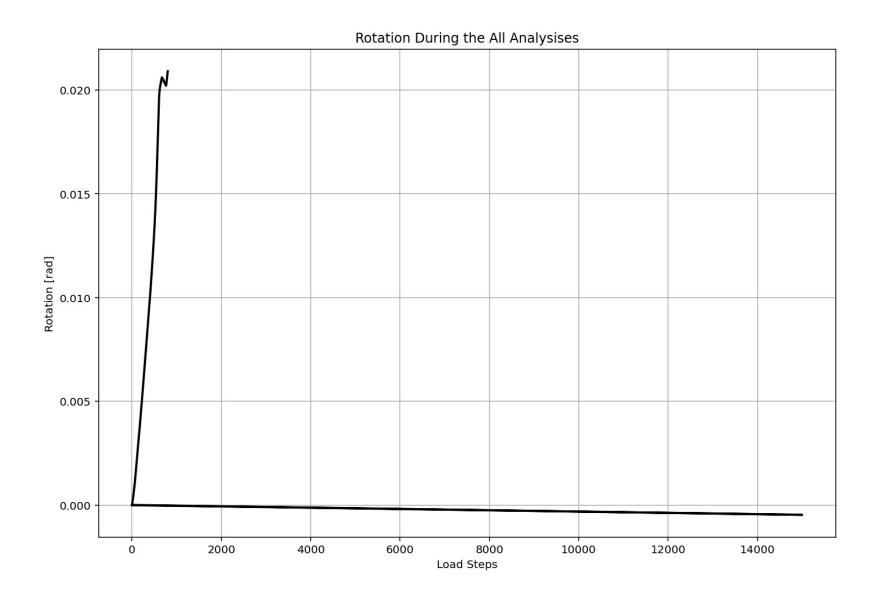




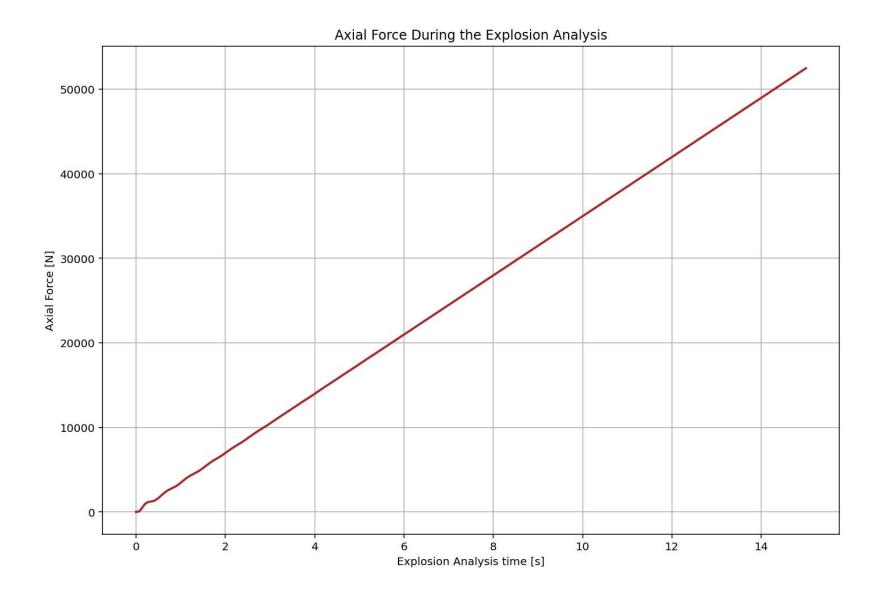


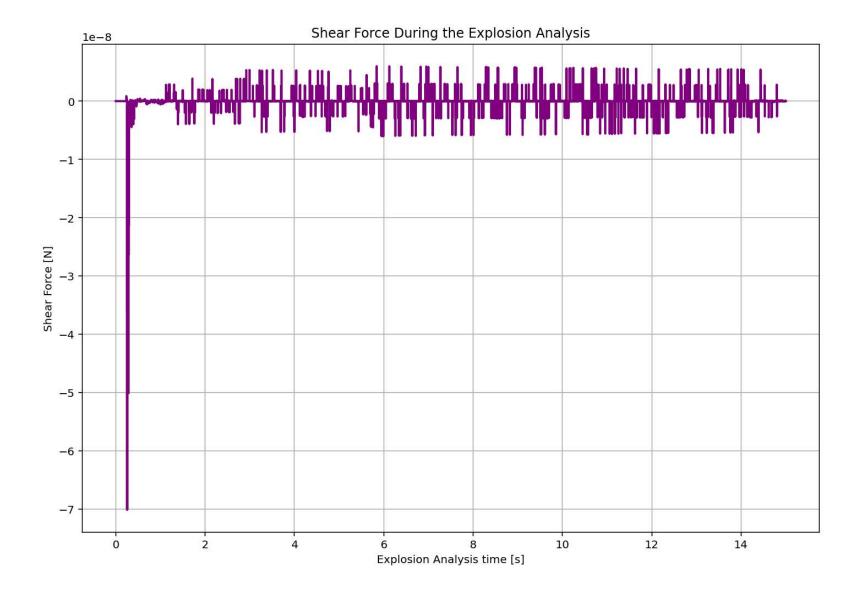


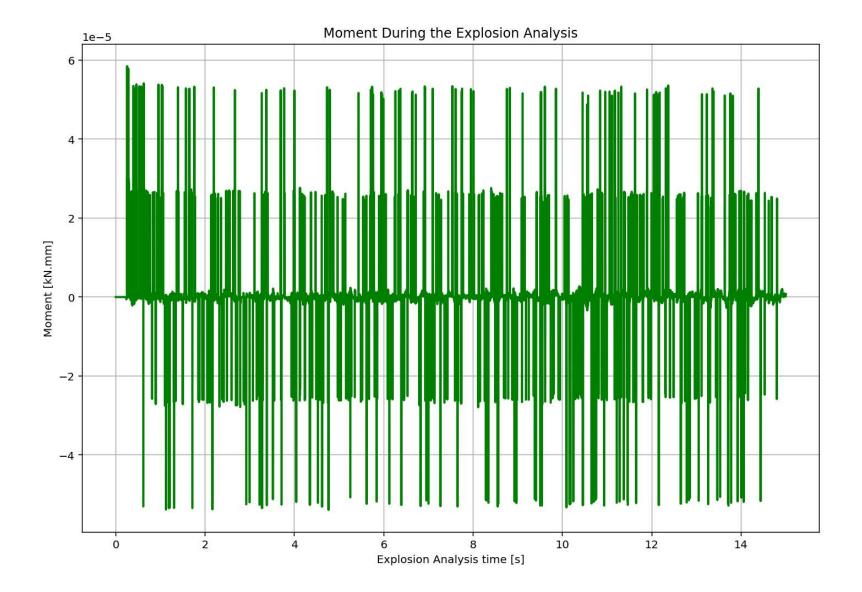


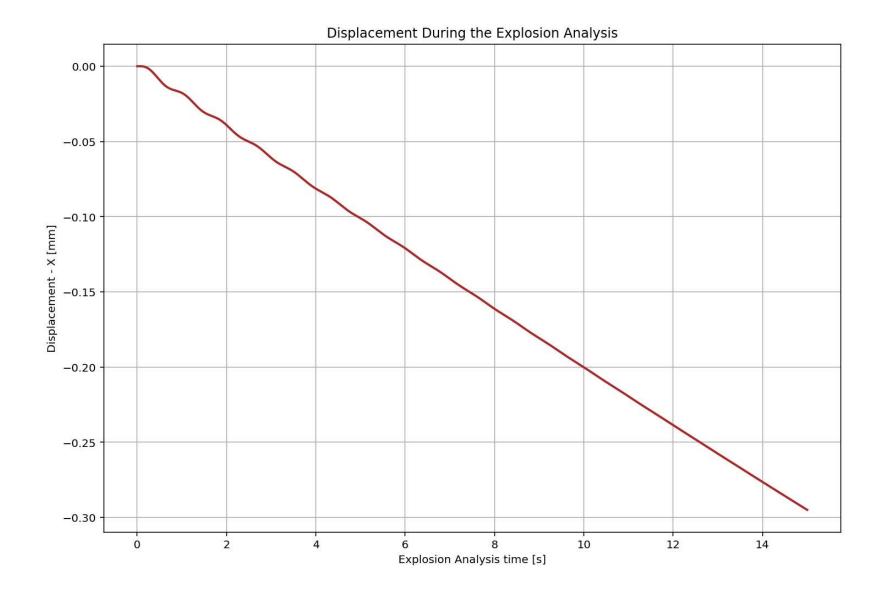


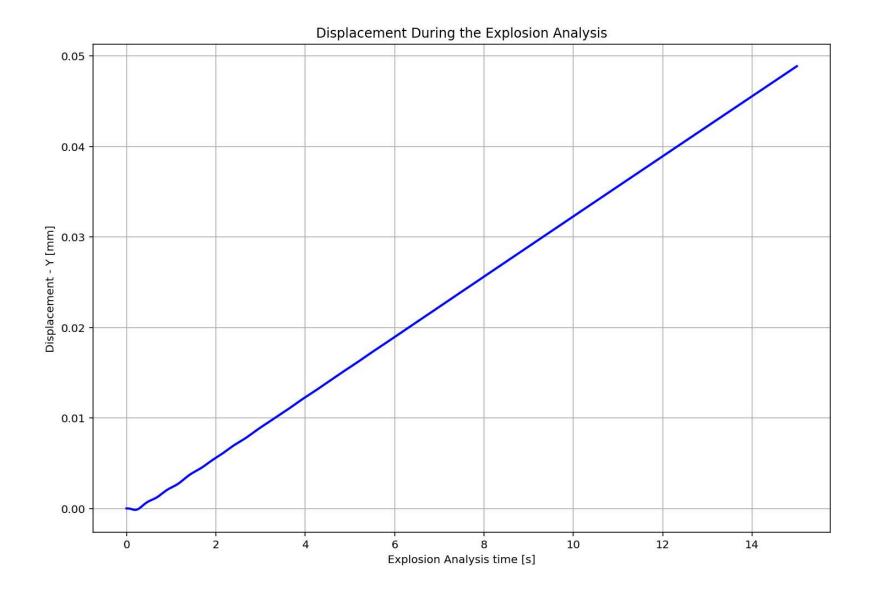
EXPLOSION IMPACT ANALYSIS RESULTS

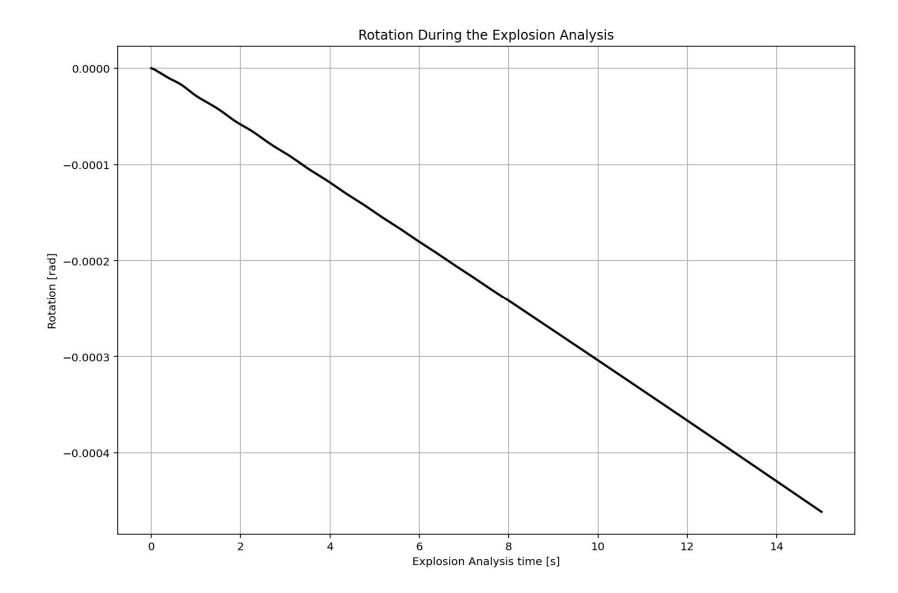












THERMAL ANALYSIS RESULTS

