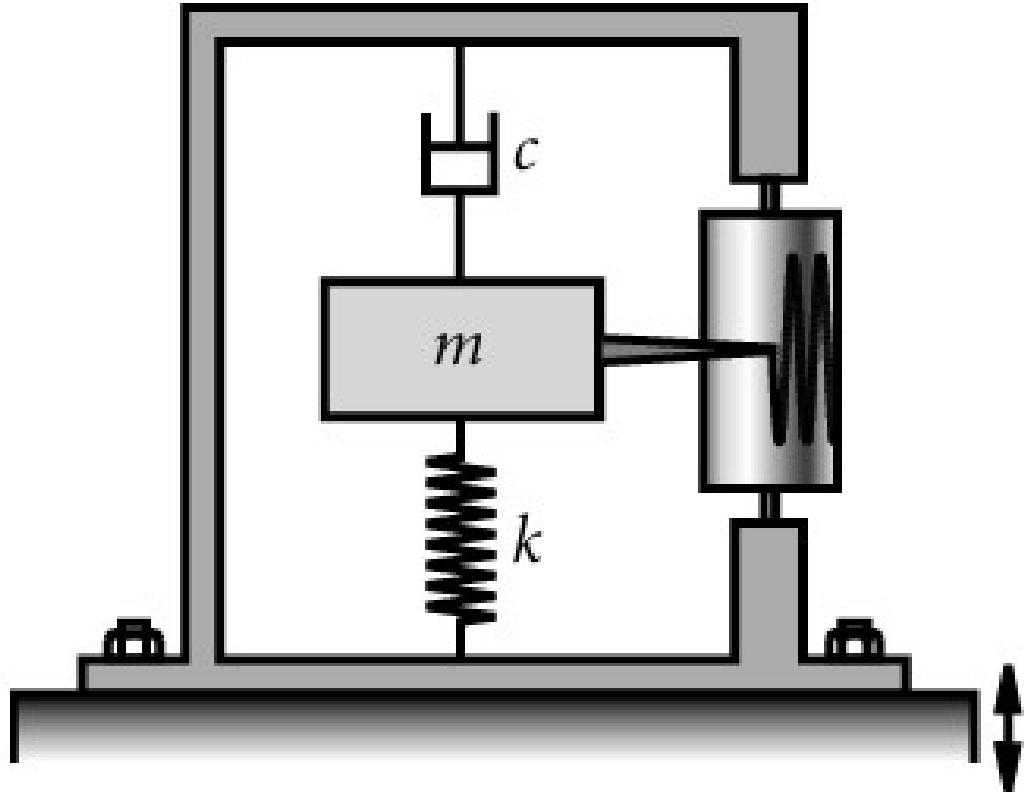


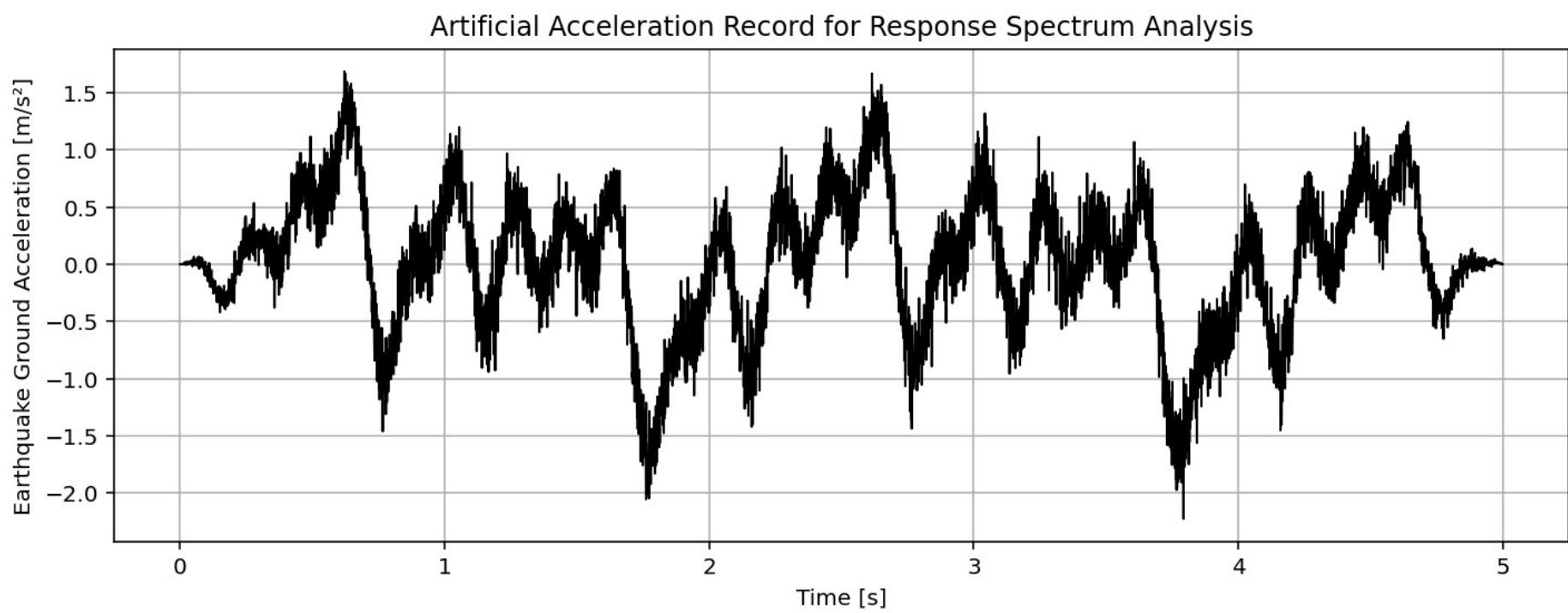
>> IN THE NAME OF ALLAH, THE MOST GRACIOUS, THE MOST MERCIFUL <<

MODELING OF DISPLACEMENT METER FOR SDOF STRUCTURE USING OPENSEES

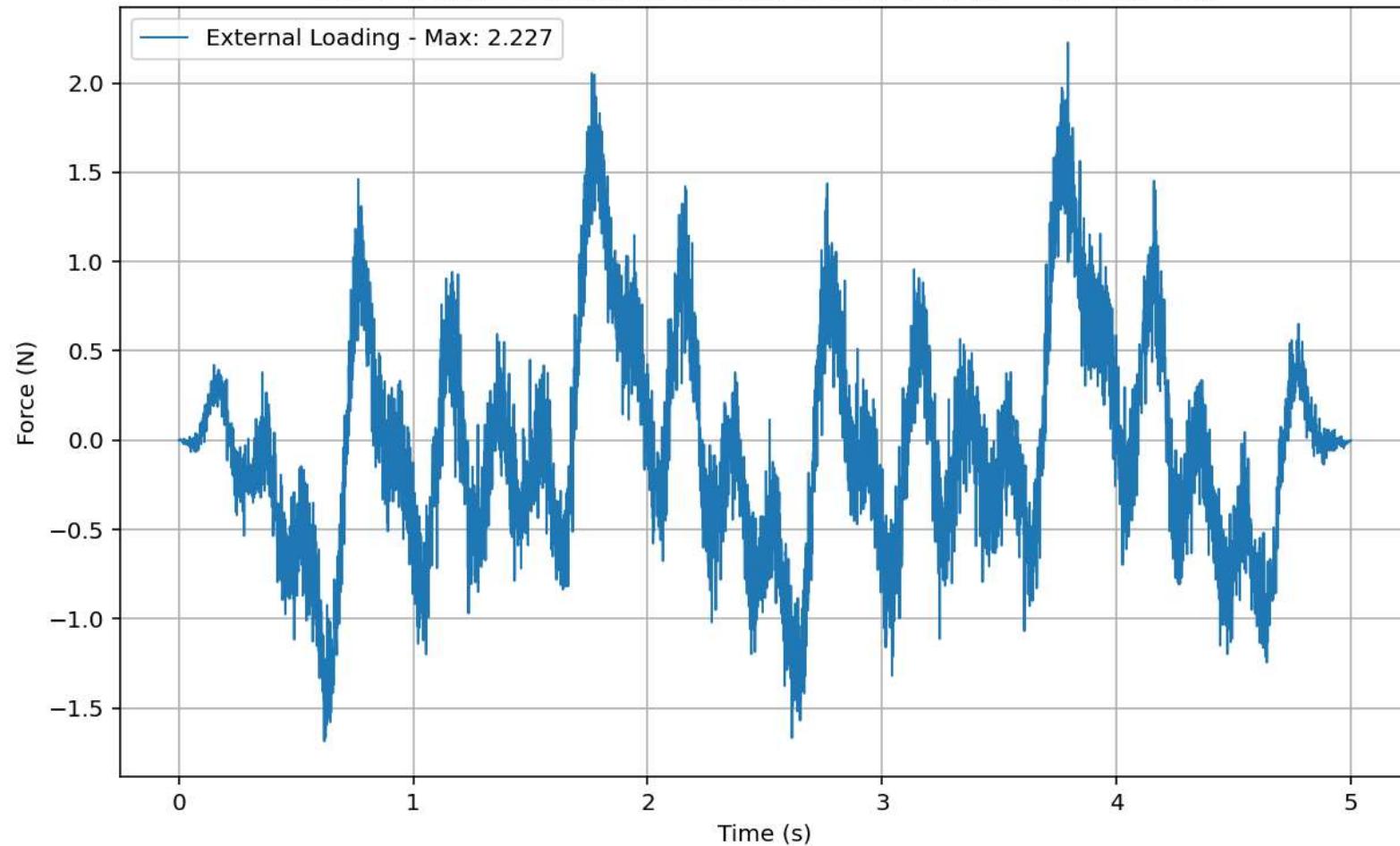
WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)

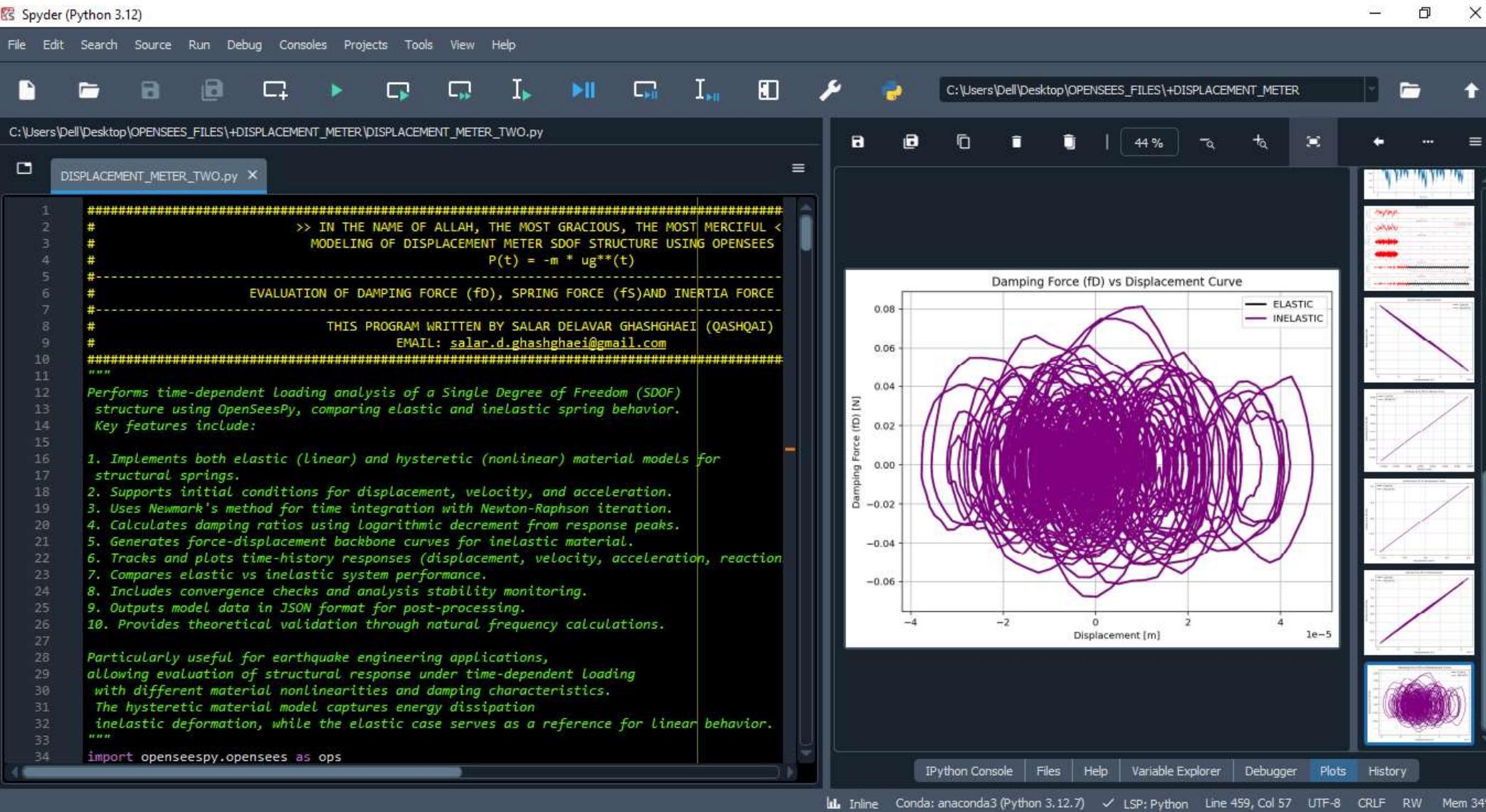


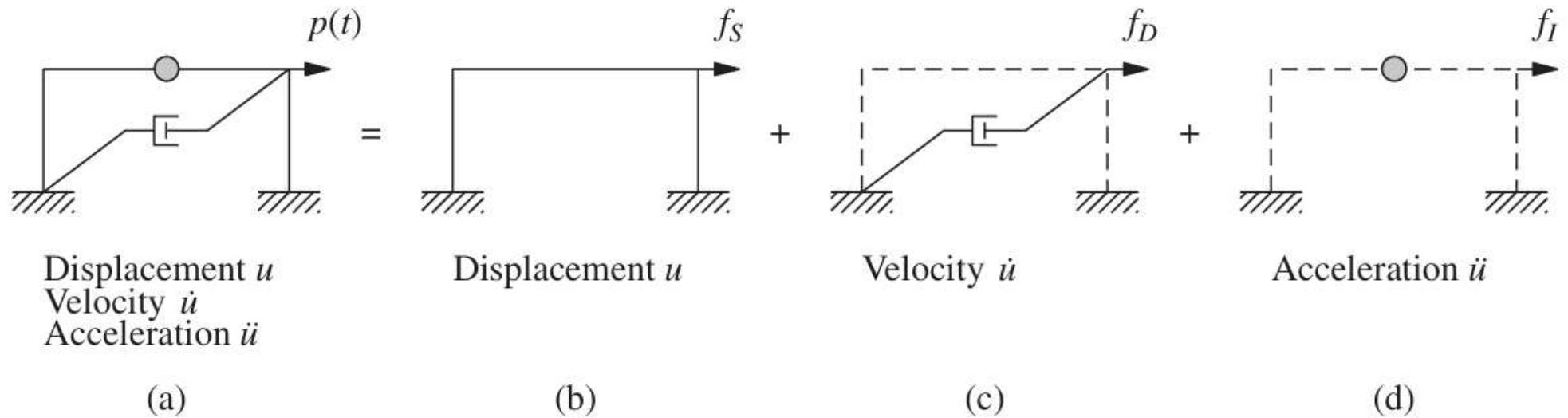
$$P(t) = -m\ddot{u}_g(t)$$



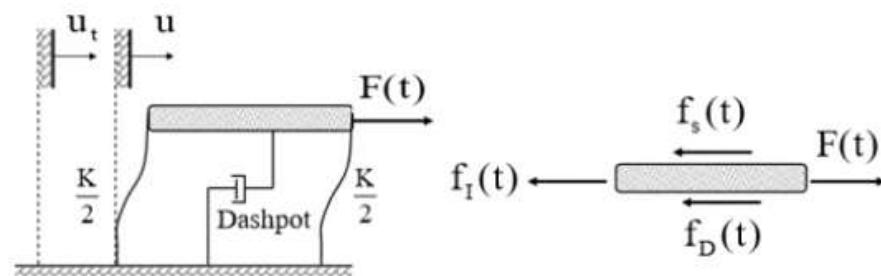
External Time-dependent Loading Over Time [$P(t) = -m * ug^{**}(t)$]







(a) System; (b) stiffness component; (c) damping component; (d) mass component.



Force-Displacement Curve

