Soildynamics Tutorials for PSD - Parallel 3D with top-ii-vol meshing and double couple source

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Abstract

This document details some tutorials of soil dynamics module of PSD. These tutorials are not verbose, but does instead give a kick start to users/developers for using PSD's soil dynamics module.

Single Dirichlet via double couple and using GFP. Double couple is displacement based.

- ¹ PSD_PreProcess -dimension 3 -problem soildynamics -timediscretization newmark_beta \
- ² -useGFP -top2vol-meshing -doublecouple displacement_based -postprocess uav
- PSD_Solve -np 3 Main.edp -v 0 -ns -nw