

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 soildynamics module of PSD. These tutorials are not verbose, but does instead give a kick start to users/developers for using PSD's soildynamics module.

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

```
1 PSD_PreProcess -dimension 3 -problem soildynamics -model linear -timediscretization newmark_beta \  
2 -useGFP -top2vol-meshing -doublecouple displacement-based -postprocess uav
```

```
1 PSD_Solve -np 3 Main.edp -v 0 -ns -nw
```