Fixed parameters when not specified:

* Avg velocity = 0.2 m/s
* Phase offset = 0.5
* Ground penetration amp = 0.025 m
* Stiffness = 100
* Damping = 2

3 velocities:

* 0.1 m/s
* 0.15 m/s
* 0.2 m/s

3 ground penetrations:

* 0.01
* 0.025
* 0.04

3 stiffnesses:

* 50
* 100
* 200

3 damping:

* 1
* 2
* 5