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
* Gait time = 2 sec

**Velocity = 0.1 m/s**

stance time:

1. 0.5
   * 56 cm
2. 0.75
   * 67 cm

ground penetration:

1. 0.01
   * 50
2. 0.04
   * 42

stiffnesses:

1. 50
   * 22
2. 200
   * 61

damping:

1. 1
   * 59
2. 5
   * 54

**Velocity = 0.15 m/s**

stance time:

1. 0.5
   * 85
2. 0.75
   * 76

ground penetration:

1. 0.01
   * 89
2. 0.04
   * 75

stiffnesses:

1. 50
   * 53
2. 200
   * 88

damping:

1. 1
   * 84
2. 5
   * 87

**Velocity = 0.2 m/s**

stance time:

1. 0.5
   * 146
2. 0.75
   * **Did not work**

ground penetration:

1. 0.01
   * 87
   * 8 sec
2. 0.04
   * 99
   * 8 sec

stiffnesses:

1. 50
   * 85
   * 8.5 sec
2. 200
   * 82
   * 6.6 sec

damping:

1. 1
   * 118
2. 5
   * 132

Videos order: 1, 9, 17, 11, 3, 4, 5, 6, 7, 2