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- Rigid bodies -Dimensions, location, mass, centre of mass, moment of inertia



Variable Surface Conditions

- Uneven terrain
- Frictional variance
- Viscoelastic property variance
- Solutions?
 - Improve model
 - Artificial Intelligence
 - Footstep Planning





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Control of Model

Problems

- Lack of interactive control
- Lack of dynamic path planning
- Solutions?
 - Performance Animation
 - Spatial Keyframing
 - Footstep Planning
 - Artificial Intelligence
 - Sketch-based path planning