

Also can import CAD

- Can import exact geometry with exact mass & inertia properties.
- Harder to parameterize

CAD → Simscape

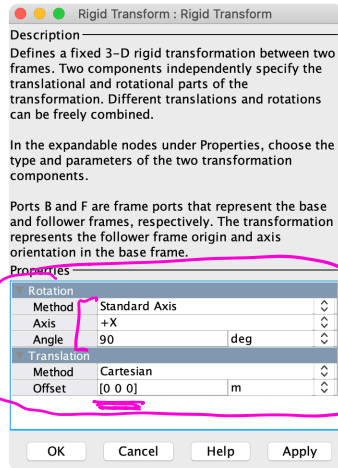
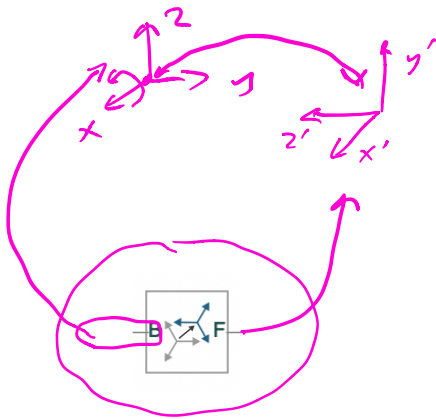
In Simscape

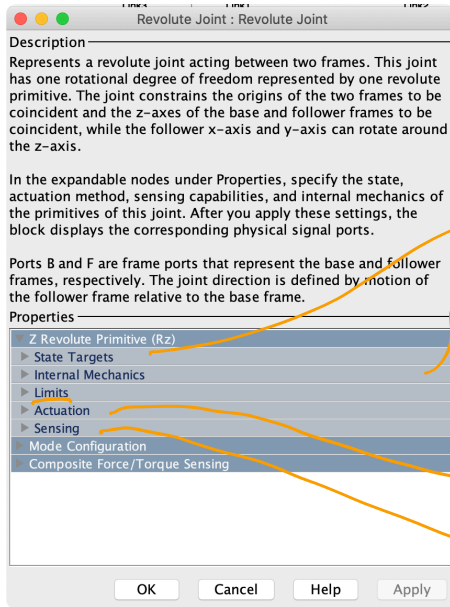
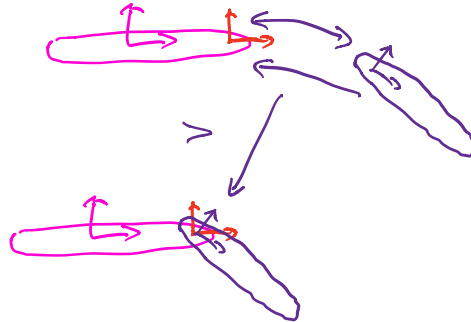
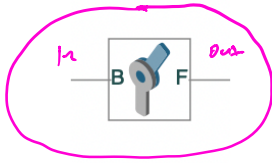
1) Parametric control over geom.

Allows for "brute force" or optimization exploration of parameters

2) Take advantage of Simulink and control algorithms

CAD ↔ Simscape





initialization

K spring

Torque or position

position

torque

q

t