

Kinetics tool of ANSA for multi body dynamics

webinar sessions

Session 1:

- What is ANSA Kinetics
- Markers
 - How to create a marker
- Bodies
 - How to define a rigid body
 - How to merge bodies
- Graphics
 - How to create graphic object
- Joints
 - How to define a joint (various types)
- Motions
 - How to define motion on joint
 - How to define motion o bodies
- Forces
 - Single-component force
 - Multi-component force
 - Spring-Damper force
 - Bushing force
- Simulator
 - Model info
 - Types of simulation (Kinematic, Dynamic, Static Equilibrium, Initial Conditions)
- Results Viewer
 - Plotting simulation results
 - Exporting simulation results
- Exporting plotted curves as numerical data



Supporting material:

Tutorials

- Contact simulation of a Valvetrain model
- How to find the trajectory of moving bodies
- Flex body simulation

Video tutorials

[ANSA kinetics tool](#)