



20-sim

The power in modeling

Animation Toolbox

Animation is extremely useful when inspecting and verifying simulation results, especially when working in three dimensions. The 20-sim Animation Toolbox helps you to create professional animations and movies in just a few hours.

Each animation is constructed by connecting 20-sim simulation variables to animation objects. For example you can take a cube and connect its position with variables from the simulator. While the simulation is performed you will see the cube move! After a simulation has been performed, you can replay an animation in real time or any other desired speed.

Not only the position can be connected to simulation variables, but many other object features like the orientation, size and color. By grouping objects together in frames, importing CAD files, using lights, setting various cameras you can create a professional animation within two hours. After the animation has been created it can be exported to avi-format with a mouse click.

Features

- Predefined objects: cubes, spheres, lines, cones, spirals, cameras etc.
- Connect simulation variables with the position, orientation, size and color of objects.
- Import from CAD packages (dxf , stl format and X-files).
- Powerful animation functions (reference frame grouping, duplication, camera orientation, lighting)
- Video creation of AVI-files with support of standard formats like PAL, NTSC and more.

Application Areas

- Robotics
- 3D motion
- Thermal graphs
- Movie creation

Contact Info

Controllab Products B.V.
 Drienerlolaan 5, HO-8266
 7522 NB Enschede, Netherlands
 Tel: +31-(0)53-4893096
 Fax: +31-(0)53-4892223
 E-mail: info@20sim.com

