

HOW TO USE VR CANTILEVER BEAM

This application requires the Windows OS and the DIY 1 DOF haptic device turned on and connected to the user computer.

After downloading the application from the website, unpack the "C_BEAM.zip" file and then open the file "C_BEAM.exe". By pressing the "Start Process" button the application is ready to run with the haptic device.

The cantilever beam material can be selected on the top left. The geometric parameters are displayed in the middle section, above the current values of the applied load, deflection and strain.

On the bottom section the red dot moves on the blue force-displacement diagram in response to the haptic device operation.

If the left mouse button is pressed in the 3D view area, the scene can be rotated by holding down the left mouse button and dragging the mouse.

To close the application the "STOP" button should be pressed before exiting the application.