

### 1a. Zoom

Use the first two icons to zoom in/out and the last one to do a zoom frame. Click and drag a quadrilateral to zoom a specific area.

### 1b. Operations

To *Rotate* (first icon), click on the screen, use the mouse and click again on the screen when done. To *Pan* (second icon) follow the same procedure. Use the remaining icons to get different views.

### 1c. Render

Choose between two different renders: *Smooth* (no mesh visible) and *Mesh*, where the mesh is displayed.

### 2a&2b. Navigation

Click the red cross of either the wizard or the general window to exit. Click any of the numbered tabs to quickly access a particular section of the program.

### 1d. Data

*Measure distance:* Select two nodes in the geometry to know their exact distance.  
*Get coordinates:* Select a node to obtain its coordinates.

### 1e. Screenshot

Click to obtain a screenshot of the current display. Select the path to save the image and choose the desired format.

### 1f. Info

*Register:* Click to enter the license of the program.  
*About:* Click to obtain additional info about the program.

1a

1b

1c

1d

1e

1f

2a

2b

3

2c

2d

### 2c&2d. Navigation

Click *Save* or *Save As* to save the current state of the project. Press *Back* and *Next* to navigate between the different sections or press *Finish* to close the current project and start a new one.

### Hotkeys

Use the mouse wheel to zoom in/out with respect to the position of the cursor in the screen. Use the combination *Shift + Left Mouse Button* to rotate and *Shift + Right Mouse Button* to pan. Click *Esc* or the mouse wheel to finish any operation.

### Tips

For the program to properly register any inserted data, the *Return* key MUST be used after filling a field. When importing a disc, the user must pay special attention that the angular velocity vector is in the exact position and has the correct orientation.

### 3. Animation

Click on the folder icon to choose a name for the animation and a path to save it. The red button will become active. Click it to turn it green and hit *Play* to start the recording. Record all the results by letting the movie slider progress all the way to the end or make a partial recording by hitting *Stop* when done.