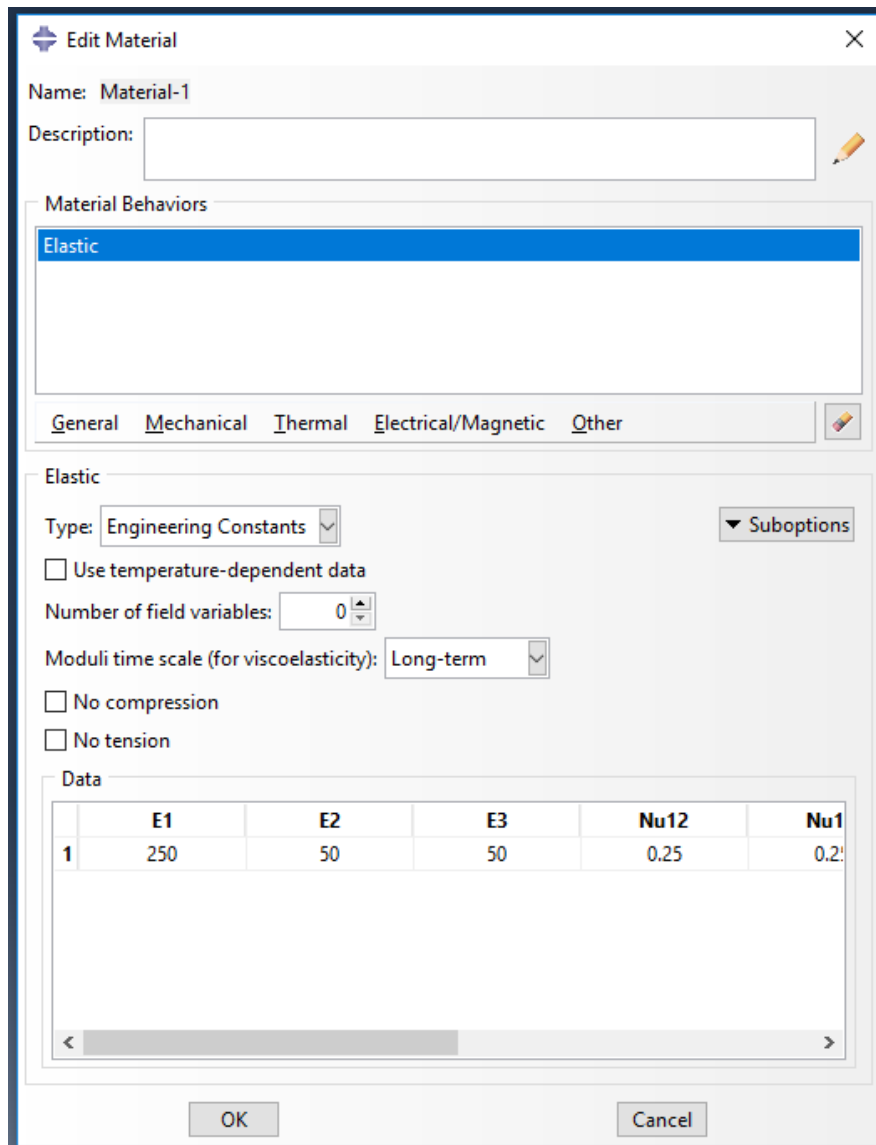


Assign Material Properties >



The image shows the 'Edit Material' dialog box in a software application. The dialog has a title bar with a plus icon and the text 'Edit Material'. Below the title bar, there is a 'Name' field with the value 'Material-1' and a 'Description' field. The 'Material Behaviors' section contains a list with 'Elastic' selected. Below this, there are tabs for 'General', 'Mechanical', 'Thermal', 'Electrical/Magnetic', and 'Other'. The 'Elastic' tab is active, showing a 'Type' dropdown set to 'Engineering Constants', a 'Suboptions' dropdown, and several checkboxes: 'Use temperature-dependent data' (unchecked), 'Number of field variables' (set to 0), 'Moduli time scale (for viscoelasticity)' (set to 'Long-term'), 'No compression' (unchecked), and 'No tension' (unchecked). At the bottom, there is a 'Data' section with a table.

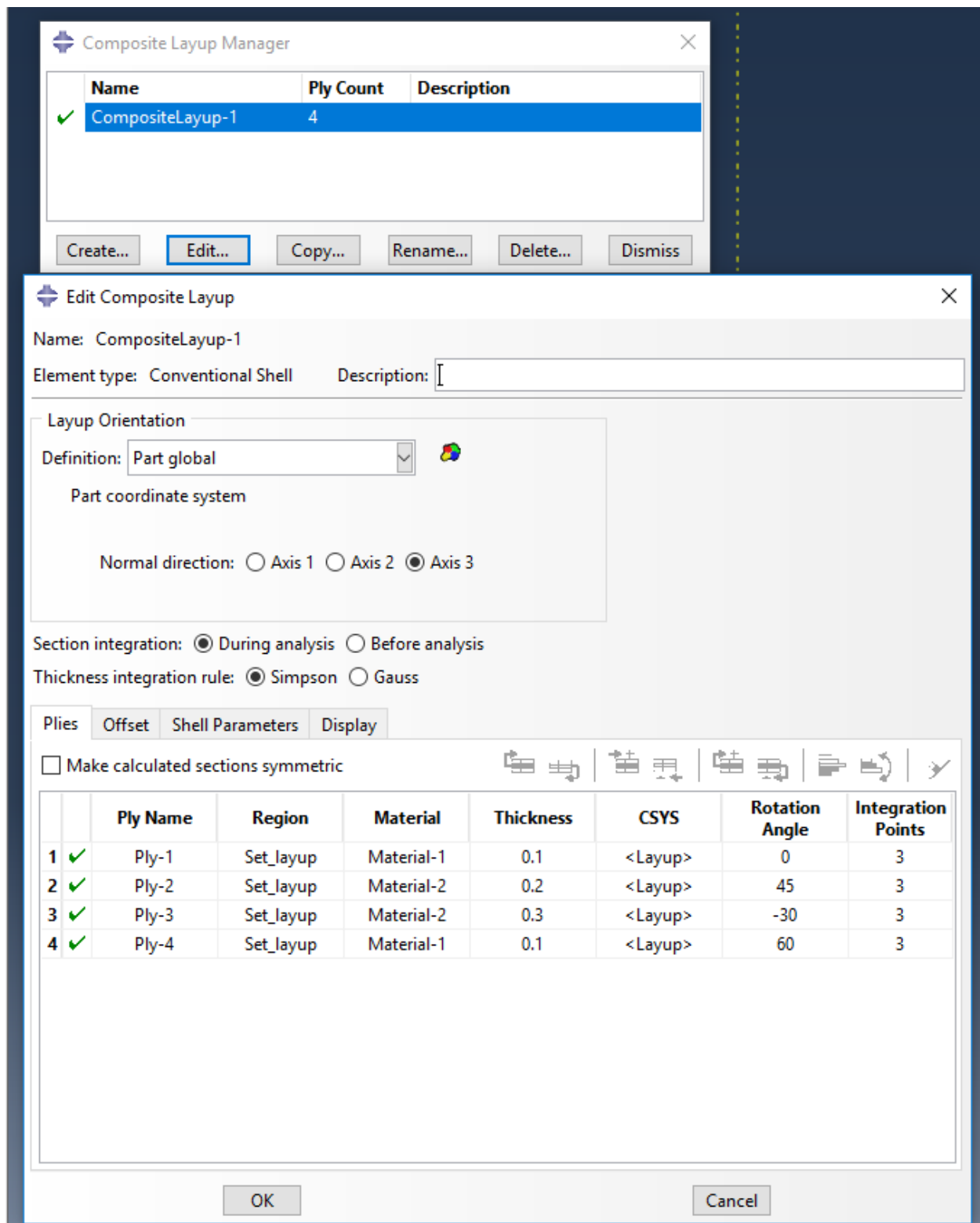
	E1	E2	E3	Nu12	Nu1
1	250	50	50	0.25	0.25

At the bottom of the dialog are 'OK' and 'Cancel' buttons.

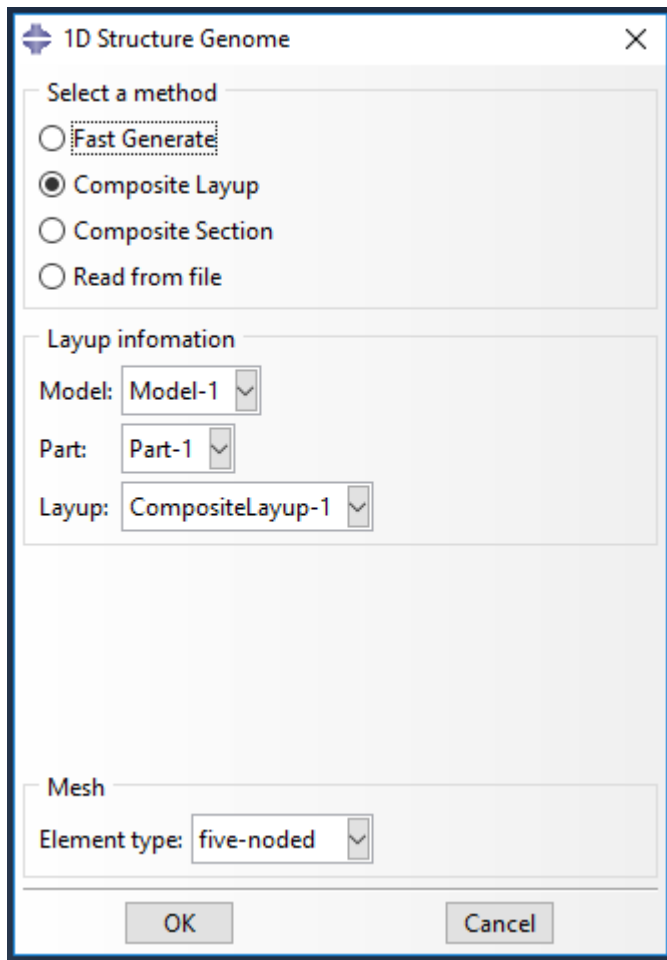
Set sketch plane such that 1D SG will be aligned to z axis. To do it clicking on the red circled button like following



Now create the composite lay up like following –



Now select the composite lay up method like following



The image shows a software dialog box titled "1D Structure Genome". It contains three main sections: "Select a method", "Layup information", and "Mesh". In the "Select a method" section, the "Composite Layup" radio button is selected. In the "Layup information" section, the "Model" dropdown is set to "Model-1", "Part" to "Part-1", and "Layup" to "CompositeLayup-1". In the "Mesh" section, the "Element type" dropdown is set to "five-noded". At the bottom are "OK" and "Cancel" buttons.

1D Structure Genome

Select a method

☐ Fast Generate

☒ Composite Layup

☐ Composite Section

☐ Read from file

Layup information

Model: Model-1

Part: Part-1

Layup: CompositeLayup-1

Mesh

Element type: five-noded

OK Cancel

Now whenever I am clicking on the “ok” button of the dialogue box above, the following error message is being popped up

