

#1255: SimLab – Change Mesh Pattern

Product: SimLab

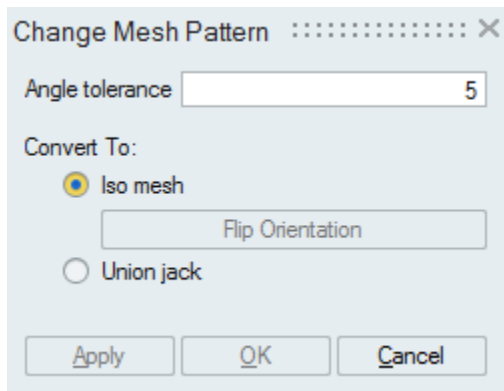
Product Version: SimLab 12.0 or above

Topic Objective

Change mesh pattern in SimLab

Topic Details

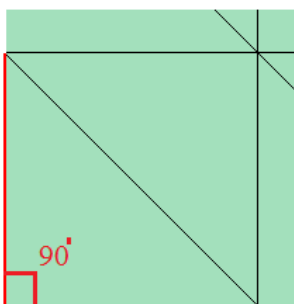
Change mesh pattern is used to convert the mesh pattern of the given faces/bodies into iso mesh or union jack. Only right-angled Tria elements can be converted to the above patterns.



Angle tolerance

Angle tolerance is used to identify the right-angled TRI elements. By default the angle tolerance is 5, which means elements having included angle greater than 85 degree and lesser than 95 degree will be considered as right-angled elements. The tolerance ranges from 0 to 15 degree.

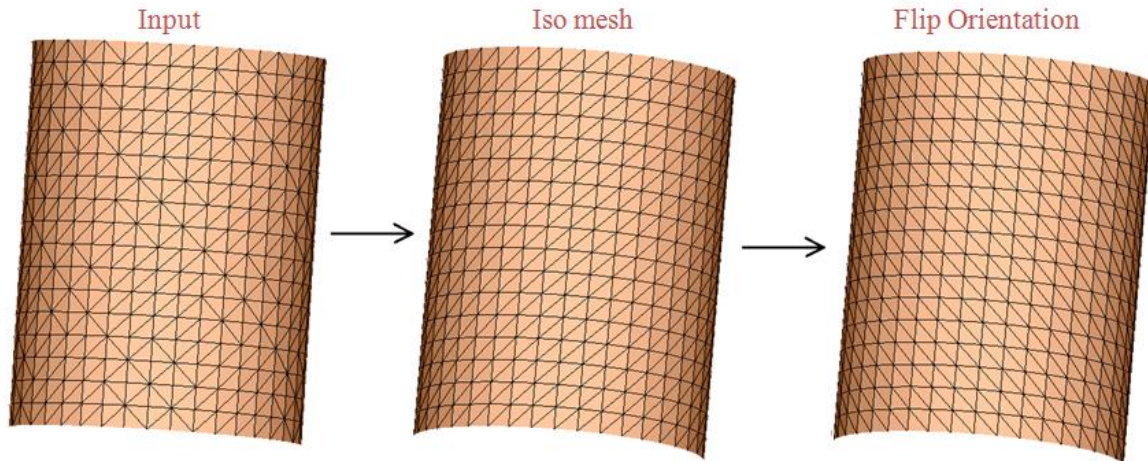
Right-Angled TRI Element



Flip Orientation

This option will be enabled only when iso mesh operation is performed. It is used to flip the orientation of the element edges on the iso meshed faces.

Example for Iso mesh and Flip Orientation



Example for Union jack

