

ANSYS Workbench Class3**Error Report****ERROR NO:**

WB2014-05

Keywords:

MESHING

LOAD TRANSFER

Description of Error:

When generating a low order mesh, exterior linear triangles along geometric edges may be associated to the wrong geometric face if all three nodes of the triangle are associated to more than one geometric face. They will be associated to the neighboring geometric face. This situation is more likely if the mesh is coarse compared to the size of the face, or if there is mesh-based defeaturing. Thus if a boundary condition (such as a load or contact region) is applied to the face, it will not be properly transferred to the solver and applied to an incorrect element face.

Typical GUI Path(s):**Other Comments:****First Incorrect Version:**

Release 15.0

Corrected In:

Release 16.0

Suggested User Action For Running on Uncorrected Version:

None.

Author Signature:

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