Updates on Proper Mesh for Pipes with/without welds

Jan. 31st

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Outline

- Mesh Independence Check
- Re-mesh for Pipes without weld of different half bend angles
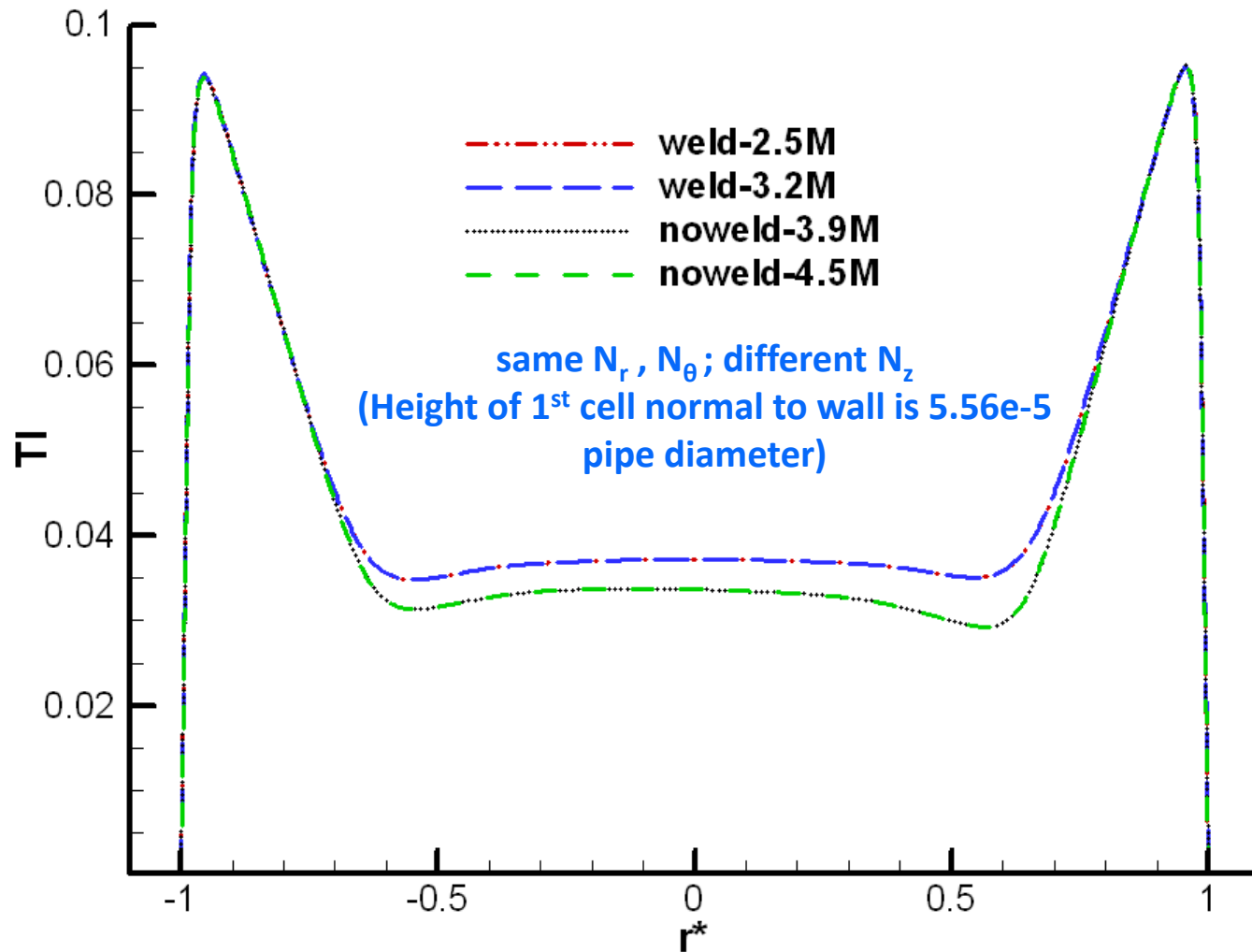
Mesh Independence Check

Fig. 1 Line Plots of TI at the Pipe Exit
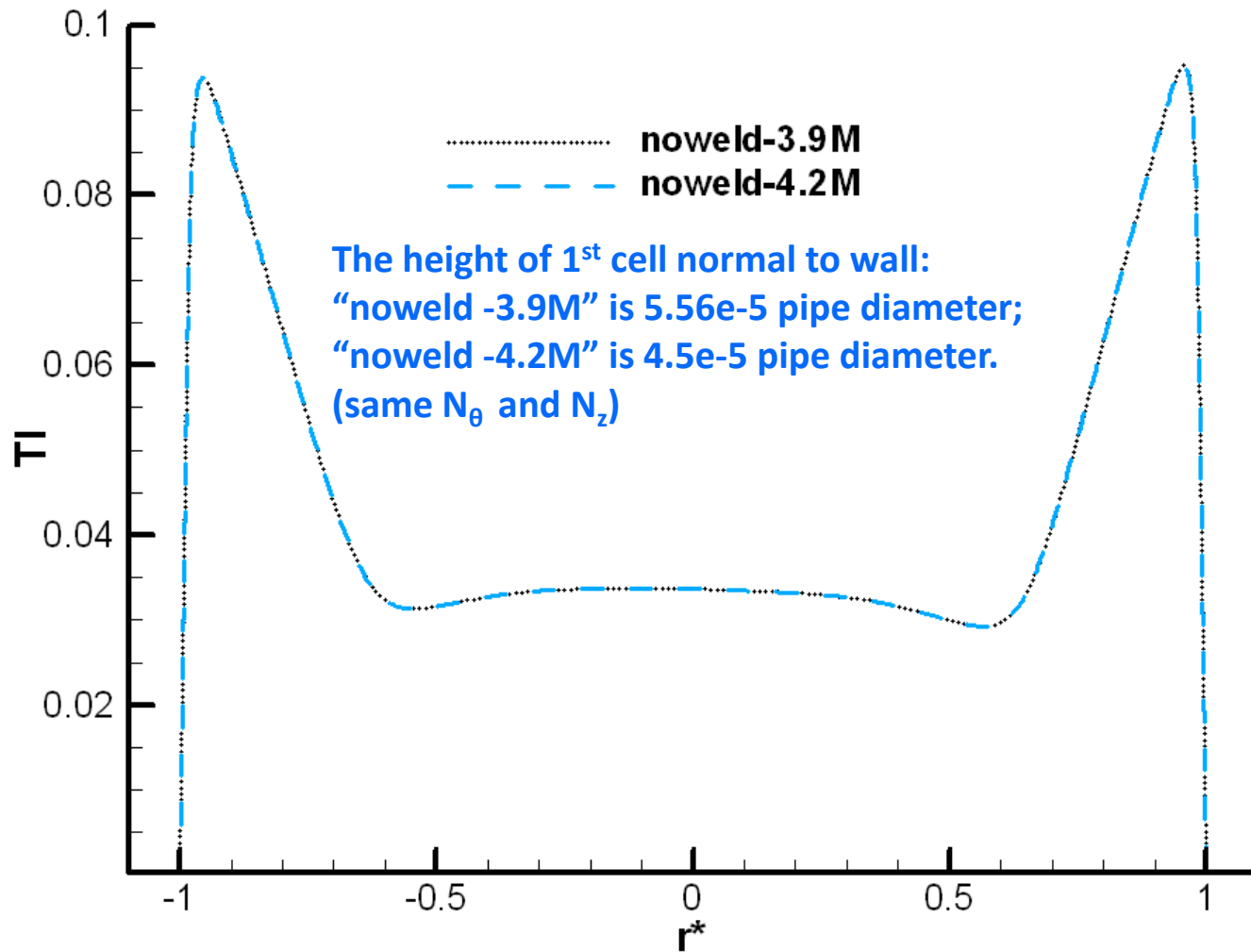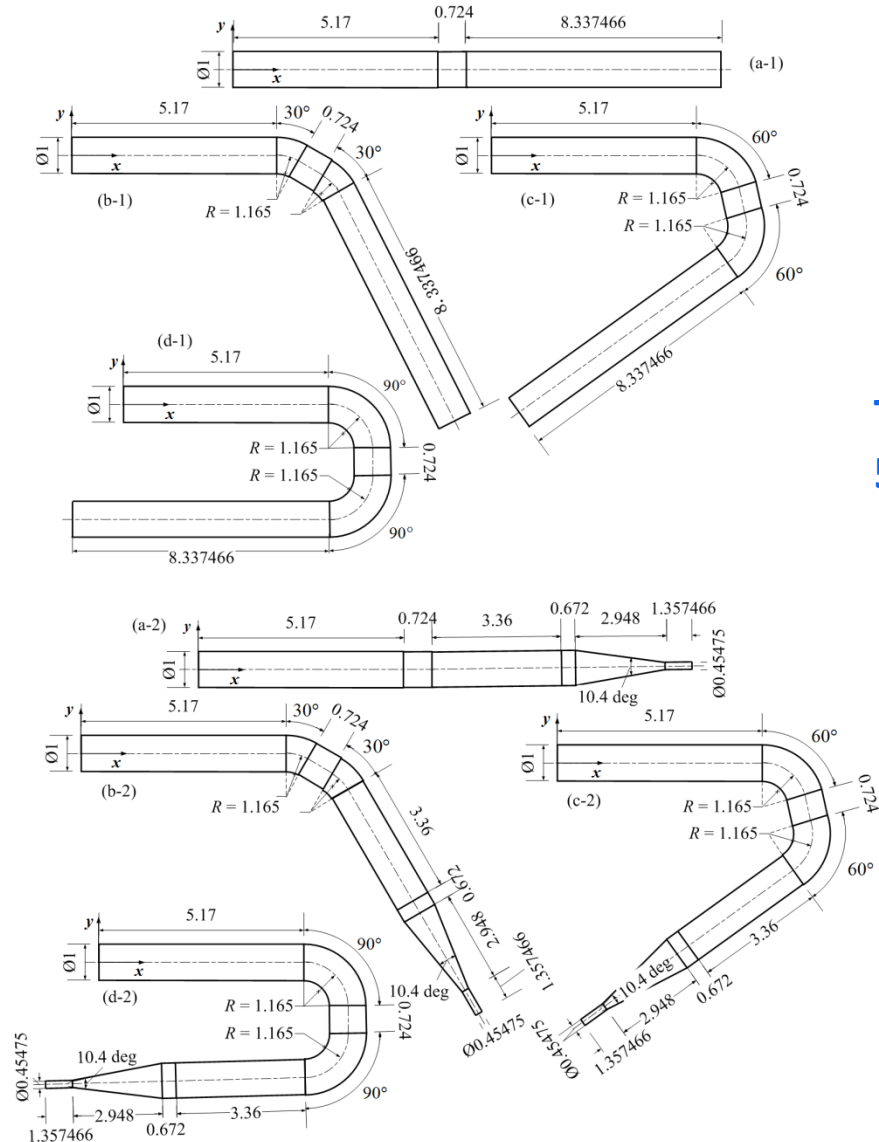
Mesh Independence Check

Fig. 1 Line Plots of TI at the Pipe Exit

Re-mesh for Pipes without weld of different half bend angles

The height of 1ˢᵗ cell normal to wall: 5.56e-5 pipe diameter;