

Transient Conduction - Verification & Validation

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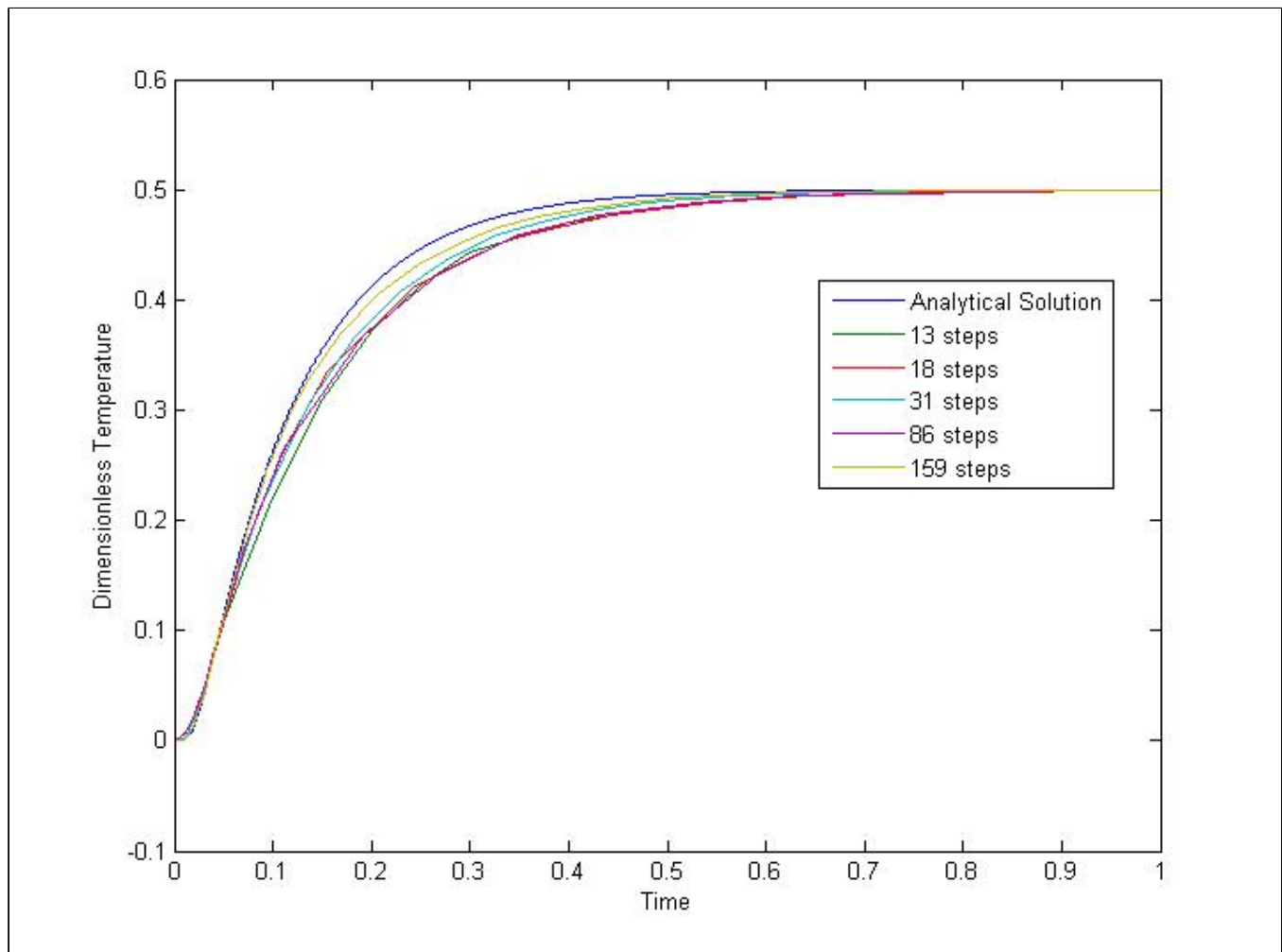
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Verification & Validation

Transient Refinement

By now, you should know that refining meshes is important for getting an accurate result for the problem specification. For Transients, time becomes a similar refinement problem in addition to the mesh refinement.

As an example, here is a plot of time at $x = .5$, with the timesteps altered.



Here is the data for the numerical solutions: [transient 2D.xlsx](#)

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