Verification *Tiny***FEM**

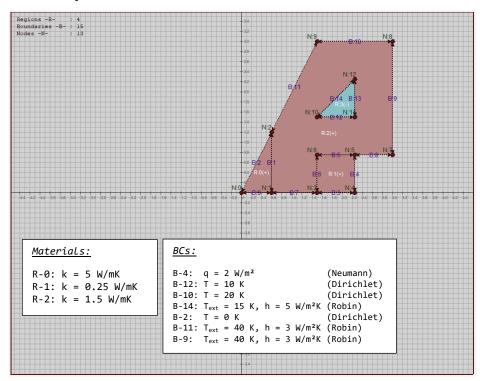


Version: 1.0.0

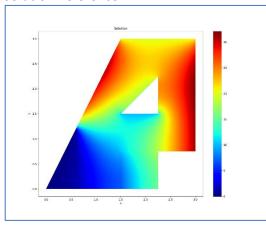
Authors: Elias Perras, Marius Mellmann

Verification with Professional FEM framework.

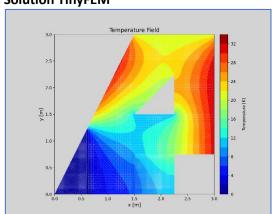
Heat Equation



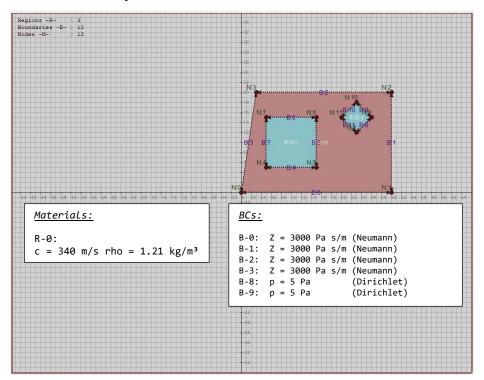
Solution Reference



Solution TinyFEM

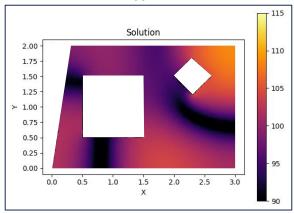


Helmholtz Equation

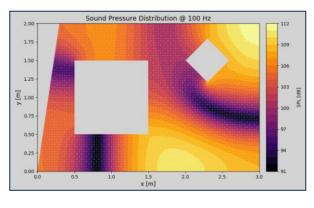


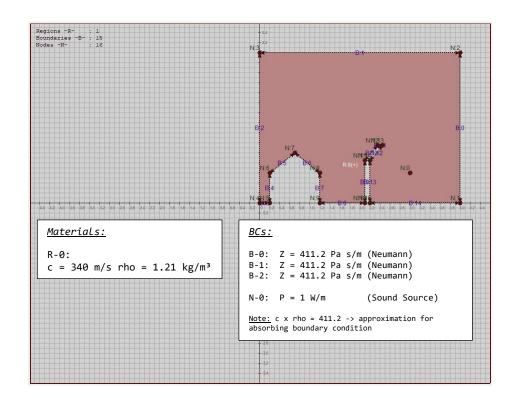
Solution Reference

100 Hz



Solution TinyFEM

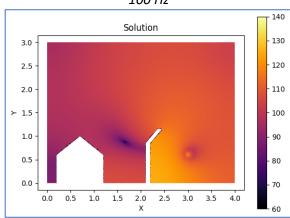


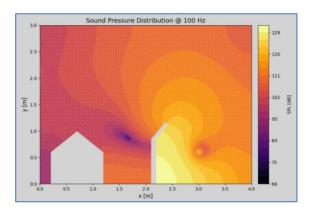


Solution Reference

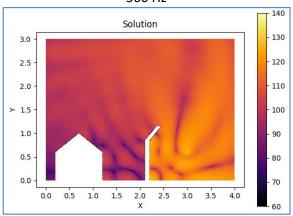
Solution TinyFEM

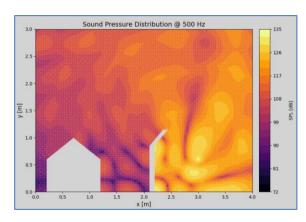
100 Hz





500 Hz





1000 Hz

