

Talk announcement

Paula Kohlberger
(NuMa)

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Master Thesis Update

In ferromagnetic materials the material response to magnetic and mechanical excitations is mutually coupled. The resulting magneto-elastic phenomena can be modeled by a coupled hyperbolic-parabolic system of partial differential equations based on linearized constitutive laws. The goal of the talk is to give a short summary of the mathematical background and present numerical results for the stationary problem on a test domain, obtained using MATLAB.