Numerical investigations of the dynamic problem in thin thermoelastic plates

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ABSTRACT.

An operatorial approach for the equations obtained by the homogenization method in the case of thin thermoelastic porous plates is introduced. Based on this formulation an uniqueness theorem concerning the solution is deduced. The dynamical equations obtained by the homogenization method for thin thermoelastic porous plates are numerically investigated showing a stabilization of the solution.

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