



## Thermal diffusivity identification based on an iterative regularization method

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Résumé en anglais	This article deals with the identification of a space and time dependent material thermal diffusivity. Such parameter is involved in heat transfers described by partial differential equations. An iterative regularization method based on a conjugate gradient algorithm is implemented. Such approach is attractive in order to efficiently deal with measurement noises and model errors. Numerical results are illustrated according to several simulations.
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[2] [http://okina.univ-angers.fr/publications?f\[author\]=1862](http://okina.univ-angers.fr/publications?f[author]=1862)

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