

Tutorials

Ana Paula Fernandes & Gilmar Guimarães

October 24, 2016

Abstract

The Matlab codes tutorials are part of the research to building the article: A. P. Fernandes, M. B. dos Santos, and G. Guimarães. An analytical transfer function method to solve inverse heat conduction problems. *Applied Mathematical Modelling*, 2015.

ISSN 0307-904X. doi: <http://dx.doi.org/10.1016/j.apm.2015.02.012>.

Tutorial 1

Fundamental solution $X20$.

Tutorial 2

Comparison between $X22$ versus $X20$.

Tutorial 3

Transfer fuction $X22$ and inverse problem solver.

Tutorial 4

3D problem $X33Y33Z33$.

Tutorial 5

Transfer fuction of $X33Y33Z33$ and inverse problem solver.