

---

## An Inverse Problem of Heat Equation

ABDULLAH SHIDFAR<sup>#</sup> AND KAVOOS TAVAKOLI<sup>†</sup>

*Department of Mathematics*

*Iran University of Science and Technology, Iran*

E-mail: <sup>#</sup>shidfar@iust.ac.ir, <sup>†</sup>mathktavakoly@yahoo.com

---

In this paper we consider an inverse problem of linear heat equation with nonlinear boundary condition. We identify the temperature and the unknown radiation term from an overspecified condition on the boundary.