

Aynur I. GASANOVA

DETERMINATION OF THE COEFFICIENT OF
PARABOLIC EQUATION IN THE PROBLEM WITH
NONLINEAR BOUNDARY CONDITION

Abstract

The goal of the paper is to investigate the well-posedness of the inverse problem on definition of the coefficient at a minor term of a parabolic equation in the nonlinear boundary condition problem under nonlocal additional condition. A theorem on the uniqueness and “conditional” stability of the problem under consideration is proved.