

The Choice of Optimum Parameters of Measuring the Thermal Diffusivity Coefficient by Laminar Mode Method

S.V. Ponomarev, S.A. Malyutina

Tambov State Technical University

Key words and phrases: measuring; thermal diffusivity coefficient; laminar mode method; optimum mode parameters; robust designing.

Abstract: Application of robust designing method of Genitti Tagutti for improvement of metrological characteristics of measuring thermal diffusivity coefficient by laminar mode method is studied. The selection of optimum mode parameters of the given process so as to reduce inaccuracy and improve the measurement quality is made.
