



Contribution ID: 386

Type: Oral

Algorithm for Solving the Optimization Problem for Reaching a Required Periodical Temperature Regime on the Surface of a Multilayer Cylinder

We present an algorithm for solving the Optimization Problem for non-linear heat equation in order to reach a required periodical temperature regime on the surface of a multilayer cylinder. Such problem has an application for design so called pulse cryogenic cell.

Author: Mr AYRIYAN, Alexander (Laboratory of Information Technologies, JINR)

Presenter: Mr AYRIYAN, Alexander (Laboratory of Information Technologies, JINR)

Track Classification: Mathematical Modeling and Computational Physics