

On the Boundary Control Method for Discrete and Continuous Problems and Related Issues.

МІКНАУ

Федеральное государственное бюджетное учреждение науки Санкт-Петербургское отделение М

МІКН

Федеральное государственное бюджетное учреждение науки Санкт-Петербургское отделение М

e-mail: f

Boundary Control method for one dimensional wave equation in continuous and discrete situations will be discussed. A connection of dynamic inverse problem to the classical moment problems in discrete case and relationships of certain object for wave, heat and dynamic Schroedinger equations in continuous case will be shown. Some new statements will be formulated for a continuous situation, similar to the known results for a discrete situation.