On Reliability Approach to Identification of Probabilty Distributions of Two Statistically Dependent Objects

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Abstract

The identification of the distributions of two objects is an answer to the question whether r_1-th and r_2-th distributions occured, or not on the first and the second objects, correspondigly . Haroutunian and Hakobyan solved the problem reliable identification of probability distributions for two independent objects. In this paper we present the solution of the problem of logarithmically asymptotically optimal identification of probability distributions for two statistically dependent objects.

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Վիճակագրորեն կախյալ օբյեկտների հավանականային բաշխումների նույնականացման հուսալիության մոտեցման մասին

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Ամփոփում

Հոդվածում ստացված է երկու վիճակագրորեն կախյալ օբյեկտների հավանականային բաշխումների ասիմպտոտորեն օպտիմալ նույնականացման խնդրի լուծումը: Երկու անկախ օբյեկտների դեպքում խնդիրը լուծվել էր [5]-ում: