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Tomchina O.P., Gorlatov D.V., Tomchin D.V. (dtomchin@yandex.ru), Sventzitzkaya T.A.

Institute of Problems of Mechanical Engineering

ADAPTIVE CONTROL ALGORITHM FOR MECHANICAL SYSTEMS WITH IMPLICIT REFERENCE MODEL AND FILTRATION

A version of the general adaptive control problem for mechanical systems described by Lagrange equations is considered. A new control algorithm with an implicit reference model is proposed and conditions are set to achieve the control objective in the closed system.

Keywords: adaptive control algorithm, implicit reference model, discrepancy filtering.

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