

MODELING OF MECHATRONIC AIRCRAFT BRAKING SYSTEM

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Abstract

The objective of this work is to develop an approach to model a mechatronic brake system anti-skid of an aircraft fighter. It is based on the study of structural and functional properties of components for developing the physical model of the system. Simulation and analysis are conducted on the AMESim software in order to observe and optimize the behavior of the system.

Keywords: Oriented object modeling; Brake system; anti-skid; Mechatronic.