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CONTRIBUTIONS REGARDING THE TRANSIENT STATE' STUDY IN CASE OF ELECTROMECHANICAL ACTUATORS WITH PARAFFIN AND GRAPHITE

BY

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Abstract. The present work proposes to realize a theoretical and experimental study about of the electromechanical actuators, which operating principle is based on the utilization of a paraffin-graphite mixture. In this sense is followed to obtain the unit step responses and the mathematical models which describe the processes that stay at basis of working electromechanical actuators with paraffin and graphite.

Keywords: electromechanical actuator, paraffin-graphite, transient state, unit step responses and mathematical models.