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DISTRIBUTED CONTROL SYSTEM FOR A HYBRID ELECTRIC VEHICLE IMPLEMENTED WITH CANOPEN PROTOCOL–PART II

BY

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Abstract. The paper presents the distributed control system for hybrid electric vehicles implemented with CANopen protocol. The are presented the hardware and software resources of the phyCORE-mpc555 and eZdsp 2808 numerical systems and the stand of the hybrid electric vehicle. For the distributed control of the hybrid vehicle model it was implemented the CANopen protocol on a CAN bus realized by a master module with MPC555 board.

Keywords: hybrid electric vehicle, distributed control, CANopen protocol.