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SPEEDS AND TORQUES RELATIONS OF THE TWO-MOTOR ELECTRIC DRIVE WITH GEARLESS ELECTROMECHANICAL DIFFERENTIAL

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The speeds and torques relationship of two-motor electric drive with a gearless electromechanical differential in a closed two-channel speed control system is established. The static and dynamic modes of operation of the system are considered. References 5, figures 4.

Key words: two-motor electric drive, gearless electromechanical differential, mathematical model, two-channel control system.

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