

PECULIARITIES OF ELECTROHYDRAULIC SERVO DRIVE CORRECTION

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The paper deals with some peculiarities of applying hydromechanical correction in electrohydraulic servo hydrodrives. A classification of correction devices on the hydromechanical element basis is given, the influence of additional correction feedback on the performance of the hydraulic drive is shown. A variant of a mathematical model of a servo drive with a combined hydromechanical correction device is presented.

Electrohydraulic servo drive, correction, additional feedback, modeling.

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