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## CLARIFY THE METHODS OF DETERMINING CHARACTERISTICS MODE SHORT CIRCUIT OF INDUCTION MOTORS BASED ON THE TESTING RESULTS

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### Abstract

*The comparative analysis of numerical investigation results the mode short circuit of induction motor type 4A132M8, 4A355S8 as described in GOST 7217-87 with its catalogue values was carry out. Clarify the method of torque recalculation and short circuit current of physical experiment with a reduced voltage to the nominal on comparative analysis of numerical experiments results mode short-circuit serial induction motor and catalogue data. References 4, figures 4.*

**Key words:** induction motor, torque, current, short circuit.

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