

Charge and discharge control of flywheel energy storage

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In this paper, for high-power flywheel energy storage motor control, an inverse sine calculation method based on the voltage at the end of the machine is proposed, and ...

To solve the random, intermittent, and unpredictable problems of clean energy utilization, energy storage is considered to be a better solution at present. Due.

In the MS-FESS, the control of charging process could affect its conversion efficiency from electrical energy to mechanical energy, and the control of discharging process ...

Accordingly, an improved adaptive sliding mode observer algorithm for the charging and discharging control of the flywheel energy storage system is proposed.

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