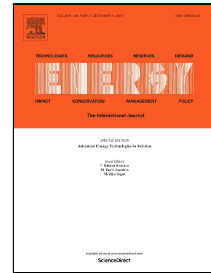


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A modified cat swarm optimization based maximum power point tracking method for photovoltaic system under partially shaded condition

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HIGHLIGHTS

A modified cat swarm optimization (MCSO) is proposed to realize global MPPT for PV system.

Proposed method can effectively deal with the partial shading problem of PV system.

Proposed method shows a high MPPT performance in terms of accuracy and speed.

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