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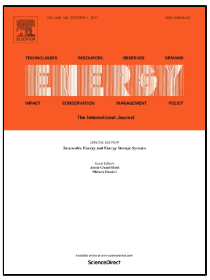

A novel TVAC-PSO based mutation strategies algorithm for generation scheduling of pumped storage hydrothermal system incorporating solar units

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Highlights

- A novel optimization technique 'TVAC-PSO with mutation strategies' is proposed
- Three mutation strategies *i.e.*, Cauchy, Gaussian, and opposition based are applied
- The pumped storage hydrothermal system incorporating solar units is undertaken
- The results are compared with state of art algorithms and found competitive

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