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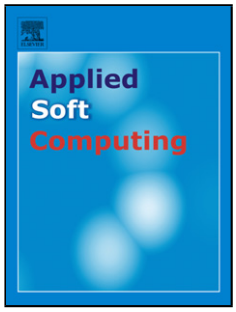

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Hierarchical genetic-particle swarm optimization for bistable permanent magnet actuator

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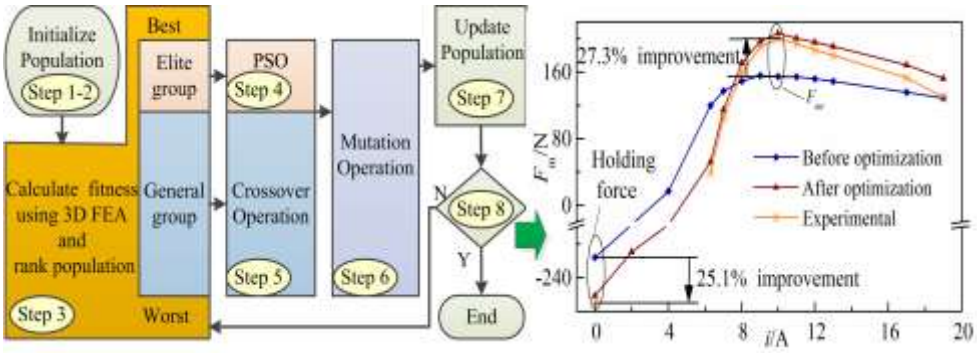
Graphical abstract



Highlights

- A novel hierarchical genetic-particle swarm (HGP) algorithm from the concept of "experimental classes" in China is proposed and evaluated.
- The conflict between holding force and initial force of bistable permanent magnet actuator (BPMA) is analyzed and modeled.

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