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Investigation on Snapping Transitions of Locally Nanostructured Bistable Disks Actuated by Distributed Transverse Forces

Shenghui Yi , Xiaoqiao He , Jian Lu

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### Highlights

- Two transition paths are found for the bistable disks under uniform forces.
- Snapping forces required for transitions depend on actuated regions.
- The transitions can be triggered by pneumatic actuation for automatic reconfiguration.

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