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Mathematical interpretation of Brownian motor model: limit cycles and directed transport phenomena

Jianqiang Yang , Hong Ma , Suchuang Zhong

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Highlights

- The directed transport phenomena of Brownian particle are explained by mathematical methods.
- Attractor of the Brownian motor model is the one of the reasons for the motion of Brownian particle.
- The relationships between limit cycles and directional transport phenomena of the Brownian motor are studied.

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