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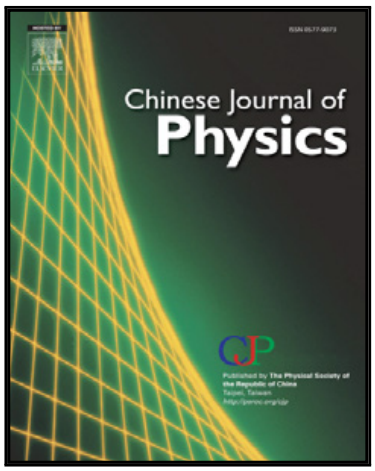

Impact of colored cross-correlated noises on stochastic resonance and mean extinction rate for a metapopulation system with a multiplicative periodic signal

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Highlights

- A metapopulation system driven by the colored correlated noises is proposed.
- The mean extinction rate induced by noises for the population system is discussed.
- The stochastic resonance (SR) for the population system is investigated.

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