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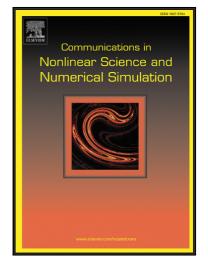
Statistical analysis of symbolic dynamics in weakly coupled chaotic oscillators

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Highlights

- In the onset of phase synchronization, the phase difference between chaotic oscillators behaves as a Brownian motion and as a pink noise for stronger coupling.
- Determinism in phase fluctuations can be distinguished by the method of ordinal pattern symbolization.
- Robustness of this method to noise is demonstrated.

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