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Oscillations and waves in a spatially distributed system with a $1/f$ spectrum

V.P. Koverda, V.N. Skokov

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- ▶ In a spatial distributed system with a $1/f$ power spectrum spontaneous formation of waves is observed.
- ▶ Temporal $1/f$ and spatial $1/k$ power spectra correspond to the maximum entropy.
- ▶ In a spatial distributed system there arises spatio-temporal stochastic resonance.

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