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Dynamical Systems, Chaos

In recent years, we study the followings:

- Coexistence of invariant sets with and without SRB measures in Henon family
- Topological dynamics for multidimensional perturbations of maps with covering relations and Liapunov condition
- Positive topological entropy for multidimensional perturbations of topologically crossing homoclinicity
- Covering relations for coupled map networks
- Stability of symbolic embeddings for difference equations and their multidimensional perturbations