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Title:	Extreme events in coupled Lotka Volterra systems
Authors:	Singh, Abhijeet. (/jspui/browse?type=author&value=Singh%2C+Abhijeet.)
Keywords:	Coupled Lotka Volterra
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Abstract:	We review the most important parts of a recent paper on the occurrence of extreme events in a generalized Lotka Volterra system, and reproduce the key results of the paper. We then extend the results to the occurrence of extreme events in a simple Lotka Volterra system. We study the characteristics of dynamics in the system that gives rise to extreme events in the simple Lotka Volterra system. We study the spatio-temporal occurrence of the extreme events. We also quantify the strength of the events as a function of coupling in the system. Further, we investigate the occurrence of extinction in the system for some special values of the coupling.
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