

Dynamics of species in a nonautonomous Lotka-Volterra system

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Abstract: In this paper, we study a Lotka-Volterra model with two predators and one prey. The explorations involve the permanence, extinction, the existence, uniqueness and global asymptotic stability of a positive solution.

Author Keywords: Beddington-DeAngelis Predator-Prey system; Extinction; Permanence

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