

论文

ALMOST PERIODIC SOLUTION FOR A CLASS OF LOTKA-VOLTERRA TYPE n -SPECIES ECOLOGICAL SYSTEMS WITH TIME DELAY

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摘要 The uniform permanence and global asymptotic stability of a

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is shown that the system is uniformly persistent under some

appropriate conditions, and new sufficient conditions are obtained

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关键词 [Infinite delay](#), [diffusion](#), [uniform persi](#)

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Abstract The uniform permanence and global asymptotic stability of a class of almost periodic Lotka-Volterra type n -species competitive systems with diffusion and delays are investigated. It is shown that the system is uniformly persistent under some appropriate conditions, and new sufficient conditions are obtained for the global asymptotic stability of the unique positive almost periodic solution of the system.

Key words [Infinite delay](#) [diffusion](#) [uniform persistence](#) [global asymptotic stability](#) [almost periodic solutio](#)

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