

Extremal complete trajectories for
non-autonomous logistic equations II: Uniqueness
of positive solutions and stability properties*

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Key words: non-autonomous equations, logistic equations, attractivity

Abstract

For a wide class of non-autonomous logistic equations we prove the existence of a unique positive complete trajectory which does not degenerate at $-\infty$. This solution is shown to be globally asymptotically stable in a pullback sense and forward in time.

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