Section 08: Ordinary Differential Equations and Dynamical Systems	Poster number 105

Existence, uniqueness and comparison results for evolution problems with discontinuous nonlinearities

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ABSTRACT

In our work we shall establish existence, uniqueness and comparison results for the initial value problem for evolution equations using the theory of semigroups, an abstract Gronwall lemma [3], and an abstract monotone iterative technique developed in [1]. Our results generalize and improve similar results from [2].

References

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