## Stability of Dynamic Systems on the Time Scales S. Siyasundaram

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**Abstract:** The paper dwells on the problems of stability of dynamical systems on a time scale. The paper is divided into the following sections: local existence and uniqueness, dynamic inequalities, existence of extremal solutions, comparison results, linear variation of parameters, nonlinear variation of parameters, global existence and stability, comparison theorems, stability criteria, etc.

Keywords: Dynamical systems on a time scale; stability.

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