

Module 11 - First order Time Response

ME3050 - Dynamics Modeling and Controls

Mechanical Engineering

Tennessee Technological University

Topic 2 - Stability in Dynamic Systems

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- Definition of Stability
- Routh-Hourwitz Criteria
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Stability in Dynamic Systems

A dynamic system is stable if ...

The system parameters are all the same sign. $a_2, a_1, a_0 > 0$ or < 0
(read page 78-81 textbook)

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