

Module 16 - Second Order Frequency Response

ME3050 - Dynamics Modeling and Controls

Mechanical Engineering

Tennessee Technological University

Topic 1 - Transfer Functions of Second Order Systems

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- Review Transfer Function
- Overdamped Systems
- Underdamped Systems
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Review Transfer Function

Review Transfer Function

Overdamped Systems

Overdamped Systems

Underdamped Systems

Underdamped Systems

References

- System Dynamics, Palm III, Third Edition - Section 8.1 - Response of First Order Systems - pg. 475