

**THE UNIVERSITY OF MICHIGAN
DEPARTMENT OF MECHANICAL ENGINEERING**

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MODELING DYNAMIC SYSTEMS

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References

Antsaklis, P. J. and A. N. Michel, Linear Systems, McGraw-Hill, 1997.

Brown, Forbes T. "Engineering System Dynamics: A Graph Centered Approach, Publ. Marcel Dekker, Inc., New York, NY. 2001, ISBN 0-8247-0616-1.

Cannon, Robert, Dynamic Physical Systems, McGraw Hill 1967.

Cellier Continuous System Modeling, Springer-Verlag, 1991

Chen, C.-T., Linear System Theory and Design, 2nd edition, , Holt, Rinehart and Winston, 1984.

Close and Federick, Modeling and Analysis of Dynamic Systems, Houghton Mifflin, 1993.

Crandal, Karnopp, Kurtz and Pridmore-Brown, Dynamics of Mechanical and Electromechanical Systems, McGraw Hill, 1968.

Kailath, Thomas, Linear Systems, Prentice Hall, 1980.

Karnopp and Rosenberg, System Dynamics: A Unified Approach Wiley, 1975.

Karnopp and Rosenberg, System Dynamics: A Unified Approach , 2nd Edition, Wiley, 1990.

Karnopp and Rosenberg, Analysis and Simulation of Multiports

Keller, Statistics and Dynamics of Components and Systems

Keller, Hydraulic System Analysis

Malmstadt, Electronics and Instrumentation for Scientists

Rowell, D. and Wormley, D.N. System Dynamics: An Introduction, Prentice Hall, 1997.

Shearer, Murphy and Richardson, Introduction to System Dynamics, Addison and Wesley, 1971

J. Lowen Shearer, Bohdan T. Kulakowski, Dynamic Modeling and Control of Engineering Systems, 1990 Macmillan Publishing Co.

Schultz and Melsa, State Functions and Linear Control Systems, McGraw Hill, 1967.

Takahashi, Rabins and Auslander, Introducing Systems and Control

Wellstead, Introduction to Physical System Modeling

Williams, Computational Linear Algebra with Models