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He pursues research in modeling and control of engineering and biological systems. J. Lowen Shearer (1921-92) received his ScD from Massachusetts Institute of Technology. At MIT between 1950 and 1963, he served as both the group leader in the Dynamic Analysis and Control Laboratory and as a member of the Mechanical Engineering faculty.

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Control systems. Control engineering is the engineering discipline that focuses on the modeling of a diverse range of dynamic systems (e.g. mechanical systems) and the design of controllers that will cause these systems to behave in the desired manner.

Control engineering - Wikipedia

Mathematical Modeling of Control Systems 2-1 INTRODUCTION In studying control systems the reader must be able to model dynamic systems in mathematical terms and analyze their dynamic characteristics. A mathematical model of a dynamic system is defined as a set of equations that represents the dynamics of the system

Mathematical Modeling of Control Systems - Pearson

Control theory in control systems engineering is a subfield of mathematics that deals with the control of continuously operating dynamical systems in engineered processes and machines. The objective is to develop a control model for controlling such systems using a control action in an optimum manner without delay or overshoot and ensuring control stability.

Control theory - Wikipedia

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