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Nonlinear Control and Analytical Mechanics: A Computational Approach. - HG Kwatny (Dept of Mech Eng and Mech, Drexel Univ, Philadelphia PA 19104) and GL Blankenship (Dept of Elec and Comput Eng, Univ of Maryland, College Park MD 20742). Birkhauser Boston, Cambridge MA. 2000. 317 pp. CD-ROM included. ISBN 0-8176-4147-5. \$59.95.

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In mathematics and science, a nonlinear system is a system in which the change of the output is not proportional to the change of the input. Nonlinear problems are of interest to engineers, biologists, physicists, mathematicians, and many other scientists because most systems are inherently nonlinear in nature.

### Nonlinear system - Wikipedia

Dr. Balachandran received his Ph.D. (Engineering Mechanics) from Virginia Tech. Currently, he is a Minta Martin Professor of Engineering at the University of Maryland, where he has been since 1993. His research interests include nonlinear phenomena, dynamics and vibrations, and control.

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### Harry G. Kwatny | Drexel Engineering

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