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Chaos, Strange Attractors, and Fractal Basin Boundaries in

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Lui Lam (Author of Nonlinear Physics for Beginners)

field of physics such as Nonlinear Dynamics is not an easy task.

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An important first decision that needs to be made before planning the structure of the course comes from the fact that in Nonlinear Dynamics, both continuous time and discrete time dynamical systems play a key role. There might be reasons for deciding to introduce first one or another.

Teaching Nonlinear Dynamics and Chaos for Beginners

Chaos and Fractals : New Frontiers of Science Heinz-Otto Peitgen, et al; Hardcover Non-Linear Physics for Beginners : Fractals, Chaos, Pattern Formation, Solutions, Cellular Automata and Complex Systems Lui Lam(Editor); Paperback Fractal Geometry of Nature Benoit Mandelbrot; Hardcover Fractals by Hans Lauwerier, S.A. Gill-Hoffstadt (Translator) Published 1991, Penguin Books Paperback

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