

Differential Equations Dynamical Systems And An Introduction To Chaos

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continuous dynamical systems (such as the Lorenz system) and in some discrete systems (such as the Hénon map). Other discrete dynamical systems have a repelling... 120 KB (13,749 words) - 03:05, 7 March 2024

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a differential-algebraic system of equations (DAE) is a system of equations that either contains differential equations and algebraic equations, or... 19 KB (2,850 words) - 21:48, 2 January 2024

variables, and the derivatives that appear in the equation are partial derivatives. A linear differential equation or a system of linear equations such that... 30 KB (4,757 words) - 21:48, 3 November 2023
time-delay systems, systems with aftereffect or dead-time, hereditary systems, equations with deviating argument, or differential-difference equations. They... 15 KB (2,417 words) - 18:38, 22 July 2023

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transform Dispersive partial differential equation Logan, J. David (1994). *An Introduction to Nonlinear Partial Differential Equations*. New York: John Wiley... 9 KB (1,085 words) - 17:58, 3 November 2023

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vector fields, and the solutions of a family of differential equations. Most commonly applied to the mathematical study of dynamical systems, a bifurcation... 16 KB (1,854 words) - 08:41, 26 July 2023