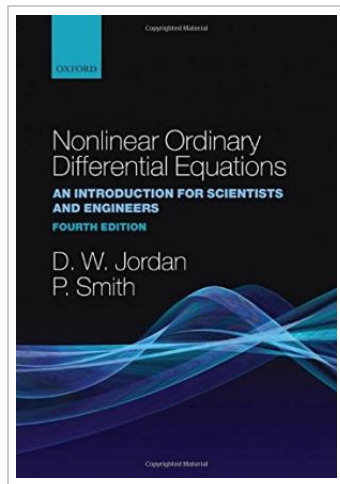




Nonlinear Ordinary Differential Equations: An Introduction for Scientists and Engineers

By Senior Lecturer D W Jordan, Both at Department of Mathematics P Smith

Oxford University Press, United Kingdom, 2007. Paperback. Book Condition: New. 4th Revised edition. 244 x 170 mm. Language: English . Brand New Book. This is a thoroughly updated and expanded 4th edition of the classic text Nonlinear Ordinary Differential Equations by Dominic Jordan and Peter Smith. Including numerous worked examples and diagrams, further exercises have been incorporated into the text and answers are provided at the back of the book. Topics include phase plane analysis, nonlinear damping, small parameter expansions and singular perturbations, stability, Liapunov methods, Poincare sequences, homoclinic bifurcation and Liapunov exponents. Over 500 end-of-chapter problems are also included and as an additional resource fully-worked solutions to these are provided in the accompanying text Nonlinear Ordinary Differential Equations: Problems and Solutions, (OUP, 2007). Both texts cover a wide variety of applications whilst keeping mathematical prerequisites to a minimum making these an ideal resource for students and lecturers in engineering, mathematics and the sciences.



READ ONLINE

[2.17 MB]

Reviews

Very helpful to all category of individuals. It is definitely simplified but surprises inside the 50 percent of your pdf I am very happy to inform you that this is actually the very best pdf i have read in my very own lifestyle and may be he finest pdf for actually.

-- **Christelle Treutel**

Unquestionably, this is the greatest operate by any article writer. I could comprehended everything out of this written e ebook. Your way of life span will be transform as soon as you total reading this book.

-- **Andy Erdman**