

1. Record Nr.	UNINA9910450727803321
Titolo	Integrated pest management in the global arena [[electronic resource] /] / edited by K.M. Maredia, D. Dakouo, D. Mota-Sanchez
Pubbl/distr/stampa	Wallingford, Oxon ; ; Cambridge, MA, : CABI Pub., c2003
ISBN	1-280-83373-4 9786610833733 0-85199-063-0
Descrizione fisica	1 online resource (538 p.)
Altri autori (Persone)	MarediaKarim M DakouoD <1951-> (Dona) Mota-SanchezD <1960-> (David)
Disciplina	632/.9
Soggetti	Pests - Integrated control Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Integrated Pest Management in the Global Arena; Contents; Contributors; Preface; Acknowledgments; Foreword; Acronyms and Abbreviations; Chapter 1. Introduction and Overview; Chapter 2. Online Resources for Integrated Pest Management Information Delivery and Exchange; Chapter 3. Biological Control and Integrated Pest Management; Chapter 4. The Influence of Biotechnology on Integrated Pest Management in Developing Countries; Chapter 5. Pesticide Policy and Integrated Pest Management; Chapter 6. Industrial Perspective on Integrated Pest Management Chapter 7. Role of Integrated Pest Management and Sustainable Development Chapter 8. Social and Economic Considerations in the Design and Implementation of Integrated Pest Management in Developing Countries; Chapter 9. Integrated Pest Management Adoption by the Global Community; Chapter 10. Integrated Pest Management in Burkina Faso; Chapter 11. Ghana National Integrated Pest Management Program; Chapter 12. Development and Implementation of Integrated Pest Management in the Sudan; Chapter 13. Integrated Pest Management in Tanzania

Chapter 14. Integration of Integrated Pest Management in Integrated Crop Management: Experiences from Malawi; Chapter 15. Integrated Pest Management in South Africa; Chapter 16. Integrated Pest Management in China; Chapter 17. Integrated Pest Management in India; Chapter 18. Integrated Pest Management in Indonesia: IPM by Farmers; Chapter 19. Integrated Pest Management in the Philippines; Chapter 20. Integrated Pest Management in the USA; Chapter 21. Integrated Pest Management in Mexico; Chapter 22. Integrated Pest Management in Brazil; Chapter 23. Integrated Pest Management in Peru; Chapter 24. Integrated Pest Management in Argentina; Chapter 25. Integrated Pest Management in Greenhouses: Experiences in European Countries; Chapter 26. Integrated Pest Management in the Mediterranean Region: the Case of Catalonia, Spain; Chapter 27. Integrated Plant Protection Management in Russia; Chapter 28. Integrated Pest Management in Australia; Chapter 29. Integrated Pest Management in New Zealand Horticulture; Chapter 30. FAO Integrated Pest Management Programs: Experiences of Participatory IPM in West Africa; Chapter 31. Integrated Pest Management Collaborative Research Support Program (USAID - IPM CRSP): Highlights of its Global Experience; Chapter 32. Bridging the Gap with the CGIAR Systemwide Program on Integrated Pest Management; Chapter 33. The World Bank and Pest Management; Chapter 34. Integrated Pest Management Case Studies from ICIPE; Chapter 35. Integrated Pest Management Experiences of CIRAD-France in Developing Countries; Chapter 36. IPM Europe, the European Group for Integrated Pest Management in Development Cooperation: Adding Value to Research Effort; Chapter 37. Building IPM Programs in Central America: Experiences of CATIE

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Sommario/riassunto

A presentation of experiences and successful case studies of integrated pest management (IPM) from developed and developing countries and from major international centres and programmes.

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2. Record Nr.	UNISA996391814503316
Titolo	Reasons humbly offer'd for a law to enact the castration, or gelding, of Popish ecclesiastics [[electronic resource] ] : as the best way to prevent the growth of popery in England
Pubbl/distr/stampa	London, : Printed and are to be sold by A. Baldwin ..., 1700
Descrizione fisica	16 p
Altri autori (Persone)	DefoeDaniel <1661?-1731.>
Soggetti	Anti-Catholicism - England
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	<p>Attributed to Daniel Defoe. Cf. Moore Smith, G.C. An unrecognized work of Defoe's? In the Review of English studies, v. 5, no. 17, p. 64-66.</p> <p>Not accepted by John Robert Moore as Defoe's; not listed by Boston Pub. Lib. cat. of The Defoe Coll. Cf. NUC pre-1956.</p> <p>Impefect: print show-through with some loss of text.</p> <p>Reproduction of original in: National Library of Scotland.</p>
Sommario/riassunto	eebo-0097

3. Record Nr.	UNINA9910150233903321
Autore	Croft Anthony
Titolo	Engineering Mathematics: A Foundation for Electronic, Electrical, Communications and Systems Engineers
Pubbl/distr/stampa	[Place of publication not identified], : Pearson Education Limited, 2012
ISBN	1-283-68373-3 0-273-71987-4
Edizione	[4th ed.]
Descrizione fisica	1 online resource (983 pages)
Disciplina	510.2462
Soggetti	Engineering & Applied Sciences Applied Mathematics Libros electronicos.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Cover -- Engineering Mathematics -- Contents -- Preface -- Acknowledgements -- Review of algebraic techniques -- Introduction -- Laws of indices -- Number bases -- Polynomial equations -- Algebraic fractions -- Solution of inequalities -- Partial fractions -- Summation notation -- Review exercises 1 -- Engineering functions -- Introduction -- Numbers and intervals -- Basic concepts of functions -- Review of some common engineering functions and techniques -- Review exercises 2 -- The trigonometric functions -- Introduction -- Degrees and radians -- The trigonometric ratios -- The sine, cosine and tangent functions -- The sinc x function -- Trigonometric identities -- Modelling waves using sin t and cos t -- Trigonometric equations -- Review exercises 3 -- Coordinate systems -- Introduction -- Cartesian coordinate system - two dimensions -- Cartesian coordinate system - three dimensions -- Polar coordinates -- Some simple polar curves -- Cylindrical polar coordinates -- Spherical polar coordinates -- Review exercises 4 -- Discrete mathematics -- Introduction -- Set theory -- Logic -- Boolean algebra -- Review exercises 5 -- Sequences and series -- Introduction -- Sequences -- Series -- The binomial theorem -- Power series -- Sequences arising from the iterative solution of non-linear equations -- Review exercises 6 -- Vectors -- Introduction -- Vectors and scalars: basic concepts --

Cartesian components -- Scalar fields and vector fields -- The scalar product -- The vector product -- Vectors of  $n$  dimensions -- Review exercises 7 -- Matrix algebra -- Introduction -- Basic definitions -- Addition, subtraction and multiplication -- Robot coordinate frames -- Some special matrices -- The inverse of a  $2 \times 2$  matrix -- Determinants -- The inverse of a  $3 \times 3$  matrix -- Application to the solution of simultaneous equations -- Gaussian elimination. Eigenvalues and eigenvectors -- Analysis of electrical networks -- Iterative techniques for the solution of simultaneous equations -- Computer solutions of matrix problems -- Review exercises 8 -- Complex numbers -- Introduction -- Complex numbers -- Operations with complex numbers -- Graphical representation of complex numbers -- Polar form of a complex number -- Vectors and complex numbers -- The exponential form of a complex number -- Phasors -- De Moivre's theorem -- Loci and regions of the complex plane -- Review exercises 9 -- Differentiation -- Introduction -- Graphical approach to differentiation -- Limits and continuity -- Rate of change at a specific point -- Rate of change at a general point -- Existence of derivatives -- Common derivatives -- Differentiation as a linear operator -- Review exercises 10 -- Techniques of differentiation -- Introduction -- Rules of differentiation -- Parametric, implicit and logarithmic differentiation -- Higher derivatives -- Review exercises 11 -- Applications of differentiation -- Introduction -- Maximum points and minimum points -- Points of inflexion -- The Newton--Raphson method for solving equations -- Differentiation of vectors -- Review exercises 12 -- Integration -- Introduction -- Elementary integration -- Definite and indefinite integrals -- Review exercises 13 -- Techniques of integration -- Introduction -- Integration by parts -- Integration by substitution -- Integration using partial fractions -- Review exercises 14 -- Applications of integration -- Introduction -- Average value of a function -- Root mean square value of a function -- Review exercises 15 -- Further topics in integration -- Introduction -- Orthogonal functions -- Improper integrals -- Integral properties of the delta function -- Integration of piecewise continuous functions -- Integration of vectors -- Review exercises 16. Numerical integration -- Introduction -- Trapezium rule -- Simpson's rule -- Review exercises 17 -- Taylor polynomials, Taylor series and Maclaurin series -- Introduction -- Linearization using first-order Taylor polynomials -- Second-order Taylor polynomials -- Taylor polynomials of the  $n$ th order -- Taylor's formula and the remainder term -- Taylor and Maclaurin series -- Review exercises 18 -- Ordinary differential equations I -- Introduction -- Basic definitions -- First-order equations: simple equations and separation of variables -- First-order linear equations: use of an integrating factor -- Second-order linear equations -- Review exercises 19 -- Ordinary differential equations II -- Introduction -- Analogue simulation -- Higher order equations -- State-space models -- Numerical methods -- Euler's method -- Improved Euler method -- Runge-Kutta method of order 4 -- Review exercises 20 -- The Laplace transform -- Introduction -- Definition of the Laplace transform -- Laplace transforms of some common functions -- Properties of the Laplace transform -- Laplace transform of derivatives and integrals -- Inverse Laplace transforms -- Using partial fractions to find the inverse Laplace transform -- Finding the inverse Laplace transform using complex numbers -- The convolution theorem -- Solving linear constant coefficient differential equations using the Laplace transform -- Transfer functions -- Poles, zeros and the  $s$  plane -- Laplace transforms of some special functions -- Review exercises 21 -- Difference equations and the  $z$  Transform --

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 -- Definition of the z transform -- Sampling a continuous signal.  
 The relationship between the z transform and the Laplace transform --  
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 23 -- The Fourier transform -- Introduction -- The Fourier transform -  
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 The t duality principle -- Fourier transforms of some special  
 functions -- The relationship between the Fourier transform and the  
 Laplace transform -- Convolution and correlation -- The discrete  
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 in two dimensions -- Evaluation of line integrals in three dimensions.  
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 -- Independent events -- Review exercises 28 -- Statistics and  
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 distribution -- The Poisson distribution -- The uniform distribution --  
 The exponential distribution -- The normal distribution -- Reliability  
 engineering -- Review exercises 29 -- Appendix I Representing a  
 continuous function and a sequence as a sum of weighted impulses --  
 Appendix II The greek alphabet -- Appendix III SI units and prefixes --  
 Appendix IV The binomial expansion of  $(nN/n)n$  -- Index.

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## Sommario/riassunto

Engineering Mathematics is the leading undergraduate textbook for  
 Level 1 and 2 mathematics courses for electrical and electronic  
 engineering, systems and communications engineering students. It  
 includes a basic mathematics review, along with all the relevant maths  
 topics required for these engineering degrees. Features Students see  
 the application of the maths they are learning to their engineering  
 degree through the book's applications-focussed introduction to  
 engineering mathematics, that integrates the two disciplines Provides

the foundation and advanced mathematical techniques most appropriate to students of electrical, electronic, systems and communications engineering, including: algebra, trigonometry and calculus, as well as set theory, sequences and series, Boolean algebra, logic and difference equations. Integral transform methods, including the Laplace, z and Fourier transforms are fully covered. Students learn and test their understanding of mathematical theory and the application to engineering with a huge number of examples and exercises with solutions. New to this edition New Engineering Example showcase feature, covering an extensive range of modern applications, including music technology, electric vehicles, offshore wind power and PWM solar chargers. New mathematical sections on number bases, logs and indices, summation notation, the sinc x function, waves, polar curves and the discrete cosine transform. New exercises and answers.

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