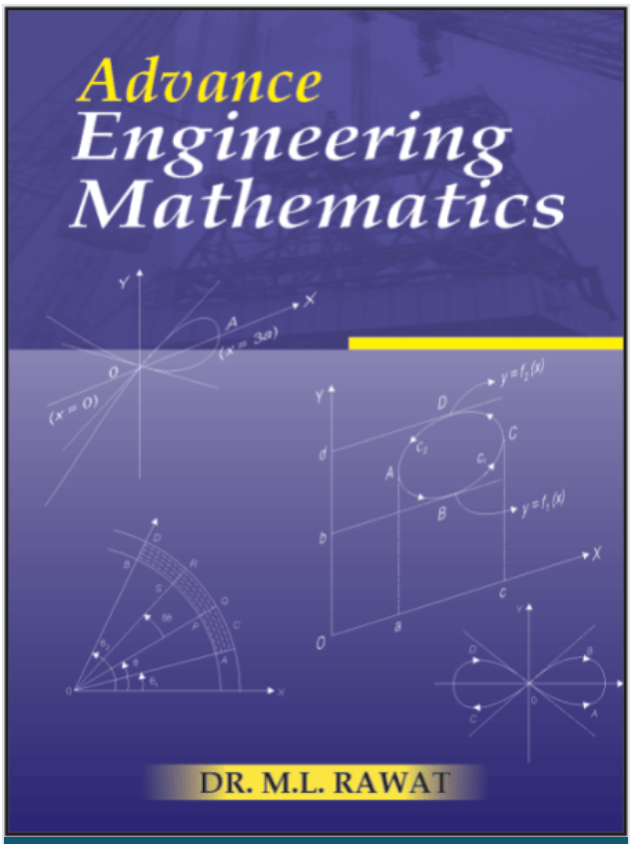


M.L. Rawat

Advance Engineering Mathematics

Author :	M.L. Rawat
ISBN 13 :	978-81-90675-87-1
ISBN 10 :	8190675877
E-ISBN 13 :	978-81-90675-87-1
Edition :	1
Pages :	1575
Type of book :	Physical
Year :	2014
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 595.00
Categories :	Book Store, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Solutions of Algebraic Equations and curve-fitting, Linear Algebra: Determinants, Matrices, Determinants and Matrices, Vectors and 3-Dimensional Analysis Geometry, Ordinary Differentiation and Its Applications, Partial Differentiation and Its Applications, Single Integrals with Applications Multiple Integrals with Their Applications, Vector Calculus, Convergence and Divergency of Infinite Series, Fourier Series, Ordinary Differential Equations of Order One, Applications of Differential Equations of First Order, Higher Order Linear Differential Equations with Constant Coefficients, Applications of Linear Differential Equations, Differentiation Equations of Second Order with Variable Coefficients and of Some other types, Special Solution of Differential Equations and Special Functions, Partial Differential Equations, Applications of Partial Differential Equations, Complex Variable, Laplace Transform Fourier Transforms, The Z- Transform, Statistics and Probability, Finite Differences and Interpolation Methods, Difference Equations, Solution of Algebraic Equations by Numerical Methods, Numerical Solutions of Ordinary Differential Equations, Numerical Solution of Partial Differential Equations, Linear Integral Equations, Linear Programming and Transportation and Assignment Problems, Calculus of Variation, tensors, Spherical Trigonometry.

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Table Of Contents

- Solutions of Algebraic Equations and curve-fitting,
- Linear Algebra:
- Determinants,
- Matrices, Determinants and Matrices,
- Vectors and
- Dimensional Analysis Geometry,
- Ordinary Differentiation and Its
- Applications,
- Partial Differentiation and Its Applications,
- Single
- Integrals with Applications Multiple Integrals with Their Applications,
- Vector Calculus,
- Convergence and Divergency of Infinite Series,
- Fourier
- Series,
- Ordinary Differential Equations of Order One,
- Applications of
- Differential Equations of First Order,
- Higher Order Linear Differential
- Equations with Constant Coefficients,
- Applications of Linear
- Differential Equations,
- Differentiation Equations of Second Order with

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

- Variable Coefficients and of Some other types.
- Special Solution of
- Differential Equations and Special Functions,
- Partial Differential
- Equations,
- Applications of Partial Differential Equations,
- Complex
- Variable,
- Laplace Transform Fourier Transforms,
- The Z- Transform,
- Statistics and Probability,
- Finite Differences and Interpolation
- Methods,
- Difference Equations, Solution of Algebraic Equations by
- Numerical Methods,
- Numerical Solutions of Ordinary Differential
- Equations,
- Numerical Solution of Partial Differential Equations,
- Linear
- Integral Equations,
- Linear Programming and Transportation and Assignment
- Problems,
- Calculus of Variation, tensors,
- Spherical Trigonometry

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Author

M.L. Rawat

Dr. M.L. Rawat, born in poor family did his M.Sc in first division in 1957, and PhD in Hydrodynamics in 1973 from the University of Rajasthan and became a Lecturer of Mathematics at Maharaja's College, Jaipur. During his service , he served at various government colleges in Rajasthan and taught M.Sc classes at Jaipur, Dungar College, Bikaner and Government College, Ajmer. He also served as Degree College Principal for 6 Years and Post Graduate college principal for 5 Years. Currently, he is working as professor of Mathematics at Jaipur Engineering College & Research Centre (JECRC), Jaipur.

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320