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## A Textbook of Higher Engineering Mathematics (PTU, Jalandhar) Sem-IV(Seventh Edition)

By N.P. Bali,Usha Paul

Laxmi Publications Pvt. Ltd, 2013. Softcover. Book Condition: New. 5th or later edition. The book `A Textbook of Higher Engineering Mathematics` (Semester-IV) has been written keeping in mind the interest of all types of engineering students (meritorious, average and below average). As engineering students have to do maximum work in minimum time, so in this book emphasis is on the presentation of the fundamental and theoretical concepts in an intelligible and easy to understand manner. Simple as well as typical examples have been used to explain each theoretical concept. All questions from last ten year papers of various universities have been included in the book at proper places. For the convenience of students reference topics, working rules of lengthy formulae, hints to difficult problems and lists of important results are given in the chapters. The book has been written after consulting a number of available textbooks by Indian as well as foreign authors, so the author assumes that this book is complete in itself. Contents: Chapter 1. Fourier Series Chapter 2. The Laplace Transforms Chapter 3. Partial Differential Equations Chapter 4. Functions of a Complex Variable Chapter 5. Linear Systems and Eigen Values Chapter 6. Numerical Solutions of Ordinary Differential Equations..



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