



Comprehensive Engineering Mathematics (AMIE)

By N.P. Bali

Laxmi Publications Pvt. Ltd, 2008. Softcover. Book Condition: New. 5th or later edition. The book has been specially written for AMIE section A Non-diploma aspirants strictly in accordance with the latest syllabus. The author has endeavoured to present the fundamental concepts in a comprehensive and lucid manner. An outstanding and distinguishing feature of the book is the large number of typical solved examples followed by well-graded exercises for practice. Questions from previous papers have been inserted at proper places. The book is complete in all respects. Contents: GROUP A Unit 1 (Calculus of Functions of One Variable) 0. Recapitulation (Differential Calculus) 1. Successive Differentiation 2. Leibnitz`s Theorem 3. Rolle`s Theorem and Mean Value Theorems 4. Taylor`s and Maclaurin`s Expansion Theorems 0. Recapitulation (Integral Calculus) 5. Fundamental Theorem of Integral Calculus 6. Elementary Reduction Formulae for Integrals 7. Lengths of Curves 8. Areas of Plane Curves 9. Volumes and Surfaces of Solids of Revolution 10. Moments of Centre of Gravity 11. Infinite Series Unit 2 (Calculus of Functions of Several Variables) 1. Partial Derivatives 2. Maxima and Minima 3. Multiple Integrals Unit 3 (Vector Calculus) 1. Vector Calculus Unit 4 (Linear Algebra) 1. Linear Algebra GROUP B Unit 1 (Ordinary Differential...



[READ ONLINE](#)
[1.65 MB]

Reviews

This is actually the very best pdf i actually have study till now. I am quite late in start reading this one, but better then never. You will like just how the author publish this ebook.

-- **Junior Lesch**

This ebook may be worth getting. I actually have read through and i am sure that i am going to likely to read through again once more down the road. You will not sense monotony at whenever you want of your respective time (that's what catalogues are for relating to should you check with me).

-- **Mr. Golden Flatley**