

Published by : **Asian Publishers**, (A Division of Computech Publications Ltd.)

4591/15, Agarwal Road, Darya Ganj, New Delhi – 110002 (India)

WhatsApp : +91-9716836703

Buy books Online : [www.computechpub.in](http://www.computechpub.in)

© Copyright strictly reserved with the Publishers.

This book in full or parts thereof or its translation, must not be reproduced without prior written permission of the publishers.

Price : ₹ 24.00

ISBN 978-81-7317-044-7

Printed at : Giriraj Printers, Delhi.

---

## CONTENTS

1. ALGEBRA	3
2. TRIGONOMETRY	5
3. DIFFERENTIAL CALCULUS	9
4. PARTIAL DIFFERENTIATION	17
5. INTEGRAL CALCULUS	21
6. DIFFERENTIAL EQUATIONS	43
7. PARTIAL DIFFERENTIAL EQUATIONS	53
8. FINITE DIFFERENCES	56
9. DIFFERENCE EQUATIONS	59
10. NUMERICAL EQUATIONS	61
11. STATISTICS	62
12. VECTOR ALGEBRA	67
13. VECTOR CALCULUS	73
14. CONVERGENCY AND DIVERGENCY	74
15. COMPLEX VARIABLES	76
16. DETERMINANTS	79
17. MATRICES	81
18. CO-ORDINATE GEOMETRY	82
19. SOLID GEOMETRY	98