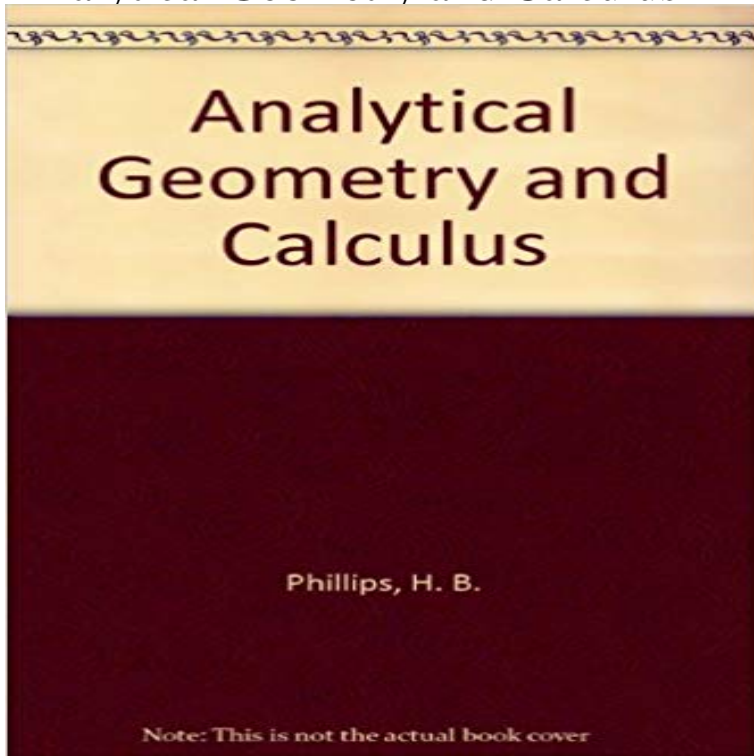


Analytical Geometry and Calculus



It is the object of this text to provide a course in analytical geometry & calculus for students of science & engineering. The chapters are as follows: 1. Limits & Continuity, 2. Derivative & Differential, 3. Integration & Summation, 4. Algebraic Equations & Graphs, 5. Determinants, 6. Trigonometric Functions, 7. Exponential & Logarithmic Functions, 8. Parametric Equations, 9. Polar Coordinates, 10. Vectors, Formulas & Methods of Integration, 11. Formulas & Methods of Integration, 12. Further Applications of Integration, 13. Series with Real Terms, 14. Complex Numbers, 15. Functions of a Complex Variable, 16. Space Coordinates & Vectors, 17. Partial Differentiation, 18. Multiple Integration.

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