



Calculus With Analytic Geometry, 2nd Edition



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Description

Written by acclaimed author and mathematician George Simmons, this revision is designed for the calculus course offered in two and four year colleges and universities. It takes an intuitive approach to calculus and focuses on the application of methods to real-world problems. Throughout the text, calculus is treated as a problem solving science of immense capability.

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About the Author

Features

- Revision highlights include the early introduction of trigonometry, extensive reworking of the infinite series chapters, and the addition of new exercises at varying levels of difficulty.
- New topics include first-order nonlinear differential equations, elementary probability, and hyperbolic functions.
- Two long appendices (Variety of additional topics, Biographical notes) have been removed from the text (will be available in the text, CALCULUS GEMS).
- The text offers full coverage for the full majors on engineering calculus, but, remains shorter than most competition.