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ADVANCED CALCULUS

His collection of solved and unsolved problems remains a part of this second edition. Advanced calculus is not a single theory. However, the various sub-theories, including vector analysis, infinite series, and special functions, have in common a dependency on the fundamental notions of the cal- culus.

Schaum's Outline of Advanced Calculus, Third Edition ...

Calculus is a part of modern mathematics education. A course in calculus is a gateway to other, more advanced courses in mathematics devoted to the study of functions and limits, broadly called mathematical analysis. Calculus has historically

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Calculus - Wikipedia

"Buck's text is a classic and a gem of an advanced calculus text. In recent decades there has been a proliferation of Real Analysis/Advanced Calculus texts but Buck's text is unique in the combination of its perspicuity of exposition and the way it is able to communicate very abstract ideas in unusually concrete, computational, and intuitive terms.

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Advanced Calculus (Pure and Applied Undergraduate Texts ...

Advanced Calculus: An Introduction to Analysis by Watson Fulks (October 10,1978)

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This classic text by a distinguished mathematician and former Professor of Mathematics at Harvard University, leads students familiar with elementary calculus into confronting and solving more theoretical problems of advanced calculus.

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Analysis. This text presents a unified view of calculus in which theory and practice reinforce each other. It covers the theory and applications of derivatives (mostly partial), integrals, (mostly multiple or improper), and infinite series (mostly of functions rather than of numbers), at a deeper level than is found in the standard advanced calculus books.

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