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Introduction to Calculus - Interactive Mathematics

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Introduction to Calculus I - Courses, Athabasca University

1. Introduction. This is a very condensed and simplified version of basic calculus, which is a prerequisite for many courses in Mathematics, Statistics, Engineering, Pharmacy, etc. It is not comprehensive, and absolutely not intended to be a substitute for a one-year freshman course in differential and integral calculus.

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Calculus - Wikipedia

A comprehensive introduction to fundamental concepts in calculus, including video lessons and interactive notebooks. Follow along with the examples in the Wolfram Cloud and use the material to prepare for the AP Calculus AB exam.

Introduction to the calculus of variations and its ...

Mostafa Zahri, Ph.D 7 Theses Master Title 'Analyse und Implementation des mehrdimensionalen Milstein-Verfahrens' (in German Language), Technical University of Darmstadt, Germany.Supervisor Prof. Dr. Klaus Ritter. Ph.D Title 'Condensing on metric spaces, modeling analyse and simulation' Goethe-University Frankfurt, Germany. Supervisor Prof. Dr. Malte Sieveking.

Introduction to Calculus

This comprehensive text provides all information necessary for an introductory course on the calculus of variations and optimal control theory. Following a thorough discussion of the basic problem, including sufficient conditions for optimality, the theory and techniques are extended to problems with a free end point, a free boundary, auxiliary and inequality constraints, leading to a study of ...

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