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1 BASIC CALCULUS REFRESHER Ismor Fischer, Ph.D. Dept. of Statistics UW-Madison 1. Introduction. This is a very condensed and simplified version of basic calculus, which is a prerequisite for many

BASIC CALCULUS REFRESHER - Department of Statistics

<http://www.math.odu.edu/~jhh/Volume-1.PDF>

Calculus (from Latin calculus, literally 'small pebble', used for counting and calculations, as on an abacus), is the mathematical study of continuous change, in the same way that geometry is the study of shape and algebra is the study of generalizations of arithmetic operations.. It has two major branches, differential calculus (concerning instantaneous rates of change and slopes of curves ...

Calculus - Wikipedia

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Calculus I - Lamar University

Ray Cannon: Differential Equations March 3, 2012; Presentation document (pdf) Free Response Problems March 1, 2014; Presentation document (pdf) Susan Cinque: Calculus Mini-Projects

Workshop Materials - Houston Area Calculus Teachers

<http://stitz-zeager.com/szprecalculus07042013.pdf>

The MathGraphs.com website is designed to provide students using textbooks authored by Ron Larson with enlarged printable versions of selected graphs.

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Prerequisites for Selected Majors - UC Education Abroad

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technological developments in the real world (most notably the Moon rocket, but ...

Professor Calculus - Wikipedia

<http://www.learnalberta.ca/content/mecalc/Chapter2.pdf>

information about 5th edition of Vector Calculus, Linear Algebra, and Differential Forms: A Unified Approach by John Hubbard and Barbara Burke Hubbard, published by Matrix Editions

Vector Calculus, Linear Algebra, and Differential Forms: A

Welcome to the website for my new edition of Calculus: Early Transcendentals. The website has been designed to give you easy access to study materials, book supplements and challenge problems that will help you with your study of calculus.

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AP Calculus AB – Students – AP Courses – The College Board

<http://www.softouch.on.ca/kb/data/Calculus%20Workbook%20For%20Dummies.pdf>

and, for $\sum_{n=1}^{\infty} \frac{1}{n^2}$, The Fourier series of $\cos(x)$ is therefore $\sum_{n=1}^{\infty} \frac{(-1)^{n+1} \cos(nx)}{n^2}$. Since odd integers can be written as $2n-1$, where n is an integer, we can write the Fourier series in sigma notation as $\sum_{n=1}^{\infty} \frac{(-1)^{n+1} \cos((2n-1)x)}{(2n-1)^2}$.

Fourier Series - Stewart Calculus

<http://library.umac.mo/ebooks/b31290735.pdf>

1 The index notation Before we start with the main topic of this booklet, tensors, we will first introduce a new notation for vectors and matrices, and their algebraic manipulations: the index notation.

Kees Dullemond & Kasper Peeters - uni-heidelberg.de

1 The Price for Risk-Taking: Marine Insurance and Probability Calculus in the Late Middle Ages GIOVANNI CECCARELLI 1 Abstract The practice of marine insurance allowed late Medieval merchants to evaluate various of factors of risk

The Price for Risk-Taking: Marine Insurance and

CHAPTER 1 Indefinite integrals (Primitives, Antiderivatives) 1. Definitions, some properties and basic formulas We shall see later that in many problems coming from Geometry,

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