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Finite difference - Wikipedia
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.

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(dated, countable) Calculation; computation.Â· (countable, mathematics) Any formal system in which symbolic expressions are manipulated according to fixed rules. lambda calculus predicate calculusÂ· (uncountable, often definite, the calculus) Differential calculus and integral calculus considered as a single subject; analysis ...

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Runge-Kutta methods. Calculus of Variations: Variation of a functional, Euler-Lagrange equation, Necessary and sufficient conditions for extrema.

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