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Rockafellar, R.: Convex Analysis (Paperback and Ebook ...
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Convex Analysis - R. Tyrrell Rockafellar - Google Books
Convex analysis. Convex analysis is the branch of mathematics devoted to the study of properties of convex functions and convex sets, often with applications in convex minimization, a subdomain of optimization theory .

Convex analysis - Wikipedia
www.convexoptimization.com

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The Institute for Scientific Information (ISI) lists Rockafellar as a highly cited researcher. Selected publications Books. Rockafellar, R. Tyrrell (1997). Convex analysis. Princeton landmarks in mathematics (Reprint of the 1979 Princeton mathematical series 28 ed.). Princeton, NJ: Princeton University Press. pp. xviii+451.

R. Tyrrell Rockafellar - Wikipedia
In 1970, Rockafellar published Convex Analysis. The book, based on his classroom notes, presents a modern treatment of convexity as applied to mathematical extremum problems. The book, based on his classroom notes, presents a modern treatment of convexity as applied to mathematical extremum problems.

Rockafellar, R. Tyrrell - INFORMS
Risk and utility in the duality framework of convex analysis From Analysis to Visualization: a Celebration of the Life and Legacy of Jonathan M.\ Borwein, Springer Proceedings in Mahematics and Statistics, to appear (by R. T. Rockafellar).

R. T. Rockafellar's Publications
R. Tyrrell Rockafellar. former PhD students (Seattle) Research Development of optimization methodology for modeling large-scale problems in decision or control over time, possibly with stochastic elements; numerical techniques for solving such problems; and associated innovations in mathematical analysis.

R. Tyrrell Rockafellar - University of Washington
•All of duality theory and all of (convex/concave) minimax theory can be developed/explained in terms of this one figure. •The machinery of convex analysis is needed to flesh out this figure, and to rule out the excep- tional/pathological behavior shown in (c).

6.253 Convex Analysis and Optimization, Lecture 1
R T Rockafellar. Professor of Mathematics, University of Washington. Verified email at uw.edu - Homepage. optimization convex analysis variational analysis economic equilibrium risk and reliability. Articles Cited by Co-authors. Title Cited by ... R Rockafellar. Pacific Journal of Mathematics 17 (3), 497-510, 1966. 446:

R T Rockafellar - Google Scholar Citations

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Rockafellar - Wikimization - convexoptimization.com
This book is the classic of convex analysis and optimization theory. The intimate relationship of convex function and convex set clear many of my doubts. The book introduces conjugate function and dualities, which balances the geometric intuition and mathematical rigorous. Hence the book gives a natural introduction of subgradients.

Convex Analysis by Ralph Tyrell Rockafellar - Goodreads
Abstract. Variational theory progressed also to the study of so-called stationary points, critical points, and other indications of singularity that a point might have relative to its neighbors, especially in association with existence theorems for differential equations.

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R. Tyrrell Rockafellar is Professor of Mathematics and Applied Mathematics at the University of Washington-Seattle. For his work in convex analysis and optimization, he was awarded the Dantzig Prize by the Society for Industrial and Applied Mathematics and the Mathematical Programming Society.

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