WikipediA

Category: Convex analysis

The main article for this category is **Convex analysis**.

Subcategories

This category has the following 3 subcategories, out of 3 total.

C

Convex optimization (36 P)

G

► Generalized convexity (7 P)

T

► Theorems involving convexity (8 P)

Pages in category "Convex analysis"

The following 55 pages are in this category, out of 55 total. This list may not reflect recent changes (learn more).

Convex analysis

В

Bipolar theorem

C

- Characteristic function (convex analysis)
- Closed convex function
- Complex convexity
- Concave function
- Concavification
- Convex cone
- Convex conjugate
- Convex function
- Convex hull

- Convex optimization
- Convex set
- Copositive matrix

D

- Danzer set
- Dieudonné's theorem
- Dual cone and polar cone

Ε

- Effective domain
- Ehrhart's volume conjecture
- Ekeland's variational principle
- Epigraph (mathematics)

F

- Farkas' lemma
- Fenchel-Moreau theorem

G

■ Gauss-Lucas theorem

Н

- Hadamard three-lines theorem
- Hilbert projection theorem
- Hypograph (mathematics)

I

Invex function

J

Jensen's inequality

K

- K-convex function
- Kachurovskii's theorem
- Karamata's inequality

L

- Legendre transformation
- Linear separability
- Logarithmically concave function
- Lower convex envelope

M

- Macbeath region
- Minkowski functional
- Minkowski's theorem
- Modulus and characteristic of convexity
- Moreau's theorem

P

- Polyconvex function
- Popoviciu's inequality
- Proper convex function
- Pseudoconvex function

Q

Quasiconvex function

R

- Recession cone
- R. Tyrrell Rockafellar

S

- Schur-convex function
- Shephard's problem
- SOS-convexity
- Strictly convex space

T

Tonelli's theorem (functional analysis)

U

- Uniformly convex space
- Uniformly smooth space

Retrieved from "https://en.wikipedia.org/w/index.php?title=Category:Convex_analysis&oldid=975671626"

This page was last edited on 29 August 2020, at 19:56 (UTC).

Text is available under the Creative Commons Attribution-ShareAlike License 3.0; additional terms may apply. By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization.