## WikipediA

# **Category:Convex geometry**

The main article for this category is Convex geometry.

## **Subcategories**

This category has the following 8 subcategories, out of 8 total.

#### Α

► Asymptotic geometric analysis (4 P)

#### C

- ► Convex analysis (3 C, 55 P)
- ► Convex hulls (2 C, 19 P)

#### G

► Geometric transversal theory (5 P)

#### 0

► Oriented matroids (11 P)

#### P

- ► Polyhedra (22 C, 187 P)
- ► Polytopes (15 C, 96 P)

#### T

► Theorems in convex geometry (18 P)

## Pages in category "Convex geometry"

The following 49 pages are in this category, out of 49 total. This list may not reflect recent changes (learn more).

Convex geometry

#### Α

- Absolutely convex set
- Convex analysis
- Antimatroid

#### В

- B-convex space
- Betavexity
- Blaschke sum
- Blunt cone (mathematics)
- Bond convexity
- Busemann-Petty problem

## C

- Conical combination
- Convex combination
- Convex cone
- Convex curve
- Convex metric space
- Convex polygon
- Convex Polytopes
- Convex set
- Convexity (finance)
- Convexity correction
- Convexity in economics

#### D

- Dual cone and polar cone
- Dykstra's projection algorithm

#### E

- Equichordal point problem
- Exposed point
- Extreme point

#### F

■ Face (geometry)

#### G

Gilbert–Johnson–Keerthi distance algorithm

#### J

John ellipsoid

## K

Klee–Minty cube

## L

List of convexity topics

#### M

- Mahler volume
- Minkowski addition
- Minkowski Portal Refinement
- Mixed volume

#### Ν

Non-convexity (economics)

#### P

- Convex polytope
- Difference bound matrix
- Region (model checking)
- Projection body
- Projections onto convex sets

## R

Rotating calipers

### S

- Shapley–Folkman lemma
- Shephard's problem
- Strictly convex set
- Support function
- Supporting hyperplane
- Symmetric cone

## T

Tangent cone

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