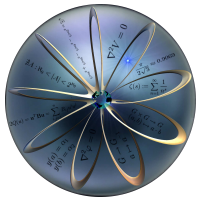

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convex angle

Canonical name	ConvexAngle
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Entry type	Definition
Classification	msc 51M04
Related topic	Quadrant
Related topic	SolidAngle
Related topic	OrthogonalCurves
Related topic	ComplementaryAngles
Related topic	ContourLine
Defines	straight angle
Defines	obtuse angle
Defines	right angle
Defines	acute angle
Defines	straight
Defines	obtuse
Defines	right
Defines	acute

A positive angle is if it is at most 180 , i.e. π radians. Cf. the convex set.

A convex angle α is

- *straight* if $\alpha = 180^{\circ}$,
- *obtuse* if $90^{\circ} < \alpha < 180^{\circ}$,
- *right* if $\alpha = 90^{\circ}$,
- *acute* if $0^{\circ} < \alpha < 90^{\circ}$,
- *skew* if it is acute or obtuse.

Note. The `http://planetmath.org/ConformalMapping`angle between two curves which intersect each other in a point P means the angle between the tangent lines of the curves in P; such an angle may always be chosen acute or right.