

CONVEX CONES

Why

1

Definition

A convex cone is a cone which is a convex set. A cone $A\subset \mathbf{R}^d$ is pointed if $x,-x\in A\longrightarrow x=0.^2$

Prop. 1. The intersection of a family of convex cones is convex.

¹Future editions will include.

²This definition is provisional, and may be changed in future editions.

