

Polytopes, cones and complexes.
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In this series of talks we will discuss Polytopes, cones and complexes from the book "Polytopes, Rings and K-theory" by Bruns and Gubeladze. The aim of this talk is to develop notions of convex geometry and of combinatorial topology related to convexity. In the first talk we will give some basic definitions and properties of polyhedra.

Pre-requisites :
Familiarity with basic ring theory.