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# **A Definition of Polyhedron par Francis Buekenhout**

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*A Definition of Polyhedron*

par

**Francis Buekenhout**

Traduction par **Samuel Verbièse**

The definitions given here are inspired by work of Jacques Tits between 1954 and 1962 devoted to incidence geometries, to buildings and to their relationships with groups, but these notions and relationships are not supposed to be known and are not necessary for the understanding of what follows. The presentation seeks to remain as elementary as possible.

The motivations are to be found in various "polyhedral talks" performed by Edmond Dony and myself. In my opinion, it is not presently possible to give a simpler definition of polygons and polyhedra without being exposed to fundamental errors.