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Configurations of points and conics

A geometric configuration of type (p_q,n_k) is an incidence structure consisting of p points and n "blocks" such that each point is incident with q blocks and each block is incident with k points. The "blocks" can be different geometric figures such as lines, circles, conics, etc. The first known geometric configurations originate from classical incidence theorems such as the theorems of Pappus, Desargues, Miquel and Clifford.

In this talk we present examples of point-conic configurations, among them, some infinite classes, too. We discuss some relationships with other types of geometric configurations, as well as some open problems.

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