

Geometry Seminar
Tuesday, November 24, 2009
Room 1302 WWH at 6:00 P.M.

The Geometrical Theorems of Pascal and Penrose

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Pascals Hexagon Theorem was once well known, although the story that its 16-year-old author deduced all the theorems of Apollonius from it may not be true. Ill discuss the similarities between the discovery of this theorem and a slightly more recent theorem due to Roger Penrose.

In the nineteenth century, Pascals theorem was greatly expanded by the work of Steiner, Plcker, Kirkman, Cayley, and Salmon. Ill give a very short new proof of all their results.

For more information please visit the seminar website at:
http://www.math.nyu.edu/seminars/geometry_seminar.html.