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Gregory N Hartman* (hartmangn@vmi.edu), 427 Mallory Hall, Virginia Military Institute, Lexington, VA 24450, and **Daniel S Joseph**. *An Introduction to Generalized Parabolas*
I. Preliminary report.

In this talk we examine generalized parabolas, an interesting class of curves which are the locus of points equidistant from a given point (the focus) and a (not necessarily affine) directrix. We discuss several of their properties, including a generalization of the well known reflection properties of conic sections. (Received September 17, 2010)