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Danna N Naser* (danna.naser@ttu.edu) and **Roger Barnard**. *Analytic and Geometric Properties of the Hypergeometric Function.*

We will define the hypergeometric function and discuss some of its analytic properties. We will then use Mathematica images to illustrate how varying the parameters of a hypergeometric function changes the images from circular regions to non-convex domains. (Received February 05, 2014)