

1154-R1-902 **Sharon K. Robbert*** (sharon.robbertrnnty.edu), Trinity Christian College, 6601 W. College Drive, Palos Heights, IL 60463. *Novels with a Geometric Twist*. Preliminary report.

Geometry is enhanced by images. Images of polygons and polyhedra, images with symmetry and images illustrating the hyperbolic plane, and images constructed with compass and straight-edge. But what if the images you constructed had the power to protect from nefarious forces—but only if they were drawn perfectly. Or what if your ability was enhanced by a special magical connection to a multi-dimensional graph?

These questions are answered in part by two particular novels: B. Sanderson’s “The Rithmatist” and L. Correia’s “Grimnoir Chronicles.” In this presentation, the novels will be described and how the stories can support understanding of modern geometry. (Received September 11, 2019)