

Meeting: 1003, Atlanta, Georgia, MAA CP X1, MAA General Contributed Paper Session, I

1003-X1-568 **Laurie Johnson*** (johnsonla@trinitydc.edu), Mathematics Department, Trinity College, 125 Michigan Ave., NE 20017, Washington, DC 20017. *Party Favors of Revolution: A calculus visualization technique*. Preliminary report.

There are many resources available to help students to visualize solids of revolution, but most provide only a virtual experience. This demo provides the students with a real and hands-on experience that they really enjoy. Using common party favors, I will demonstrate how to help students predict the solid that will be generated when a curve is rotated around one of the coordinate axes. (Received September 24, 2004)