1099-57-160 **Claus Ernst***, Department of Mathematics, Western Kentucky University, Bowling Green, KY 42101. *Generating Stiff Random Walks and Polygons in Spherical Confinement.*

There are several methods to generate confined equilateral random walks or polygons in spherical confinement. One such method uses probability density functions to generated a random walks or polygon one step at a time. In this talk a stiffness parameter is introduced in the generation process by modifying the probability density functions. (Received February 06, 2014)