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Yuanan Diao, Claus Ernst and **Anthony G Montemayor***,
anthony.montemayor477@topper.wku.edu, and **Uta Ziegler**. *Generating Random Polygons in Spherical Confinement III*.

The algorithm discussed in the two prior talks for generating closed, equilateral, random walks in spherical confinement relies upon the walk beginning and ending at the center of the confinement sphere. To sample all closed, equilateral, random walks under spherical confinement we need to extend this algorithm to allow an arbitrary starting point within the confinement sphere. Using a straight-forward geometric argument we present such an extension and its consequences. (Received July 31, 2011)