

1056-30-1968 **Ken Stephenson*** (kens@math.utk.edu), Department of Mathematics, University of Tennessee, Knoxville, TN 37996. *Experimental Complex Function Theory via Circle Packing*. Preliminary report.

The Java application "CirclePack" will be used to illustrate experimental complex function theory, conformal mapping, rational functions, finite Blaschke products, harmonic mappings, and conformal curvature flow. (Received September 22, 2009)