1046-30-1803   **G. Brock Williams*** (`brock.williams@ttu.edu`), Dept. of Mathematics and Statistics, Texas Tech University, Lubbock, TX 79409. *Riemann Surfaces via Circle Packing.*

Since Thurston's work in the mid-1980's, it has been understood that the geometric behavior of circle packings is deeply connected with the analytic behavior of conformal maps. We will describe combinatorial, analytic, and continued fraction methods of using circle packings to compute coordinates for Riemann surfaces, their deformations, and associated quasiconformal maps. (Received September 16, 2008)