

1063-53-115

**David Glickenstein\*** ([glickenstein@math.arizona.edu](mailto:glickenstein@math.arizona.edu)), 617 N Santa Rita, P.O. Box 210089, Tucson, AZ 85721. *Discrete conformal variations of piecewise flat manifolds.*

Discrete conformal variations are in the background of Thurston's formulation of circle packing approximations of Riemann mappings, combinatorial Ricci flow, and finite volume approximations of the Laplacian. We will give a formulation of discrete conformal variations of piecewise flat manifolds and draw connections with conformal variations in Riemannian geometry. (Received August 11, 2010)