1020-30-241 **Kevin M. Wildrick*** (`kwildric@umich.edu`), Department of Mathematics, University of Michigan, 530 Church Street, Ann Arbor, MI 48109-1043. *Quasisymmetric parameterizations of two-dimensional metric planes.*

The classical uniformization theorem states that any simply connected Riemann surface is conformally equivalent to the disk, the plane, or the sphere, each equipped with a standard conformal structure. We give a similar uniformization for Ahlfors 2-regular, linearly locally connected metric planes; instead of conformal equivalence, we are concerned with quasisymmetric equivalence. (Received August 29, 2006)