1023-30-1570 **Robert S Todd*** (rtodd@math.fsu.edu), 2601 Stonegate Drive, Tallahassee, FL 32308. *Myrberg Numerical Uniformization of Elliptic and Hyperelliptic Curves.*

The numerical uniformization problem for algebraic curves is to find a discontinuous Mobius group uniformizing a given Riemann surface or algebraic curve. Myrberg's algorithm allows for a numerical approximation of Schottky uniformization of elliptic and some hyperelliptic curves. This method also provides the possibility of generalization to a larger class of hyperelliptic curves than traditional elliptic curve uniformization. (Received September 26, 2006)