

962-20-696

**Norman W Johnson** (njohnson@wheatonma.edu), Department of Mathematics, Wheaton College, Norton, MA 02766, **Ruth Kellerhals**, Department of Mathematics, University of Fribourg, CH-1700 Fribourg, Switzerland, **John G Ratcliffe\*** (ratclifj@math.vanderbilt.edu), Department of Mathematics, Vanderbilt University, 1326 Stevenson Center, Nashville, TN 37240, and **Steven T Tschantz** (tschantz@math.vanderbilt.edu), Department of Mathematics, Vanderbilt University, 1326 Stevenson Center, Nashville, TN 37240. *Commensurability classes of hyperbolic Coxeter simplex reflection groups.*

In this paper, we classify all the hyperbolic Coxeter  $n$ -simplex reflection groups up to wide-commensurability for all  $n \geq 3$ . We also determine all the subgroup relationships between the groups. (Received September 21, 2000)