962-11-976 **Daniel W Bump*** (`bump@math.stanford.edu`), Department of Mathematics, Stanford University, Stanford, CA 94305-2125, and **Jennifer Beineke** (`Jennifer.Beineke@mail.cc.trincoll.edu`), Department of Mathematics, Trinity College, Hartford, CT 06106. *Some hidden functional equations.*

We will show that the renormalized integral of four SL(2,Z) Eisenstein series over the fundamental domain has as its polar divisor a regular polytope in 4 dimensions, and that the group of functional equations equals the full symmetry group of this polytope, a group of order 1152. This lecture will be complementary to one given by the other author in the AWM section. A preprint is available on the world wide web at http://math.stanford.edu/ bump/ . (Received September 29, 2000)