1077-52-614 **Asia Ivic Weiss*** (weiss@mathstat.yorku.ca), Toronto, Ontario , Canada, and **Isabel Hubard**, **Alen Orbanic** and **Daniel Pellicer**. *Symmetries of Equivelar Toroids.*

A toroid of rank rank n+1 is the quotient of a Euclidean tessellation of n-space over a rank n subgroup of the group its translations. We derive some general results on the group of automorphisms of equivelar toroids, that is the toroids obtained from the regular tessellations. We give a complete classification of equivelar toroids in ranks 3 and 4. (Received September 08, 2011)