1107-52-61 **T. Bisztriczky*** (`tbisztri@ucalgary.ca`), Calgary, Alberta , Canada. *Characterizations of Cyclic Polytopes.*

One of the most studied class of objects in geometry are the cyclic polytopes . The importance of theses polytopes is due to their usefulness not only to geometry and other branches of mathematics but also to other disciplines, such as economics and chemistry. We review some properties of a cyclic polytope and present some of its characterizations. (Received December 19, 2014)