1086-52-2127 **Karoly Bezdek*** (bezdek@math.ucalgary.ca), 2500 University Drive NW, Department of Mathematics and Statistics, University of Calgary, Calgary, Alberta T3G5Z3, Canada. *On Rigidity of Ball-Polyhedra in Euclidean 3-Space.*

The rigidity theorems of Cauchy(1813), Alexandrov (1950), and Stoker(1968) are classical results in the theory of convex polyhedra. We prove analogues of them for (standard as well as normal) ball-polyhedra. Here, a ball-polyhedron means an intersection of finitely many congruent balls in Euclidean 3-space. (Received September 24, 2012)