## 1151-20-14 Mark D Mixer\* (mixerm@wit.edu) and Gabe Cunningham. Faithful regular maps. Preliminary report.

A regular map is called vertex-faithful if each symmetry of the map is uniquely determined by its action on the map's vertices. Many interesting examples of small regular maps can be found by considering the vertex-faithful ones. In this talk, I will present results on these maps. In particular, I will focus on vertex-faithful regular maps where the number of vertices is prime, twice a prime, or a power of a prime. (Received May 20, 2019)