
ART FINBOW, Saint Mary's University
On Well-Covered Planar Triangulations

A graph G is said to be *well-covered* if every maximal independent set of vertices has the same cardinality. A planar (simple) graph in which each face is a triangle is called a *triangulation*. A characterization of the planar well-covered triangulations has finally been completed. In a series of three previous papers, we have completed the 4- and 5-connected cases. This talk will focus on the 3-connected case.

This is joint work with B. L. Hartnell, R. Nowakowski and Michael D. Plummer.