

**Meeting:** 999, Nashville, Tennessee, SS 14A, Special Session on Graph Theory and Matroid Theory

999-05-262

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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. The aim of this project is to characterize the planar well-covered triangulations. At this point we have completed the 4- and 5-connected cases. (Received August 24, 2004)