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John Maharry and **Neil Robertson*** (robertso@math.ohio-state.edu), Department of Mathematics, Ohio State University, Columbus, OH 43210, and **Vaidy Sivaraman** and **Daniel Slilaty**. *Projective plane embeddings of a graph and signed graph representations of a matroid.*

In the study of all signed graph representations of a given signed graph matroid one case involves finding all embeddings of any given graph on the projective plane. In the literature cases typified by the line-graph of the Petersen graph appear to have been overlooked. This flexibility issue will be covered and related to the corresponding signed graph representation problem. This is joint work with John Maharry, Vaidy Sivaraman, and Daniel Slilaty. (Received September 08, 2009)