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Kenneth Stephen Berenhaut* (berenhks@wfu.edu), Department of Mathematics and Statistics, Wake Forest University, Winston-Salem, NC 27106. *Some problems related to networks, random walks and choice.* Preliminary report.

In this talk, we consider a variety of problems related to networks. Topics considered include employment of random walks in addressing questions regarding clustering of nodes, communities and modularity. We will also touch on questions of choice with connections to graphs. (Received September 20, 2016)