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Barbara F. Meeker* (bmeeker@socy.umd.edu), Department of Sociology, University of Maryland, College Park, MD 20742. *Mathematical Models of Talking in Discussion Groups.*

or many years researchers studying face-to-face interaction in small groups have documented a regular process of development of inequality in the amount of talking. Also, persons who talk more have been reliably documented to have more influence on group decisions. This talk surveys a variety of mathematical approaches including Markov chains and dynamical systems that have been applied to this phenomenon. (Received September 12, 2008)