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California, Berkeley, 851 Evans Hall #3840, Berkeley, CA 94720. *Polytopes from exponential
random graph models*. Preliminary report.

Several algorithms for maximum likelihood estimation for exponential random graph models depend on the structure of polytopes whose vertices enumerate subgraphs. For one such class of polytopes, introduced by Fienberg and Rinaldo, we present new structure results about facets and normal fans. (Received August 09, 2010)