

1138-92-179

**Xueliang Li\*** ([lx1@nankai.edu.cn](mailto:lx1@nankai.edu.cn)), Center for Combinatorics, Nankai University, Tianjin, Peoples Rep of China. *Oriented graphs with extremal skew energy.*

An oriented graph has a skew symmetric adjacency matrix. The skew energy of an oriented graph is the sum of the norms of the eigenvalues of its skew symmetric adjacency matrix. In this talk we will survey the results about oriented graphs with maximum or minimum skew energy. Some open questions are also presented. (Received February 08, 2018)