Energy of signed graphs

Mushtag Ahmad Bhat

mushtaqab@nitsri.net

Department of Mathematics NIT Srinagar

Abstract: In this talk, we give basic definitions related to signed graphs. The energy of a signed graph is defined as the sum of absolute values of eigenvalues of its adjacency matrix. A connected signed graph is said to be unicyclic if its order and size are same. We present a characterization of unicyclic signed graphs with minimal energy.

References:

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