1117-05-73 **Rao Li*** (`raol@usca.edu`), Dept. of mathematical sciences, Aiken, SC 29801. *An upper bound for the energy of a graph.*

The energy of a graph is defined as the sum of the absolute values of the eigenvalues of its adjacency matrix. A new upper bound for the energy of a graph will be presented in this talk. The upper bound involves the independence number of the graph. (Received January 02, 2016)