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Rao Li* (raol@usca.edu), Dept. of mathematical sciences, 471 University Parkway, University of South Carolina Aiken, Aiken, SC 29801. *Spread Conditions for Some Hamiltonian Properties of Graphs.*

The spread of a graph is defined as the difference between the largest and smallest eigenvalues of the graph. Spread conditions for some Hamiltonian properties of graphs will be presented in this talk. (Received December 27, 2016)