1087-05-195 **Vladimir Nikiforov***, 373 Dunn Hall, University of Memphis, Memphis, TN 38152. Spectral problems of Nordhaus-Gaddum type.

This talk will present recent results about certain sums of eigenvalues of a graph and of its complement. Such problems may be quite difficult to solve and often exhibit relations to other area of mathematics. (Received December 03, 2012)