Ernesto Vallejo* (vallejo@matmor.unam.mx). Some new results on the stability of Kronecker coefficients.

In this talk we show how the diagrammatic method for computing Kronecker coefficients, developed by the author, can be applied to obtain several stability properties of these coefficients. As a particular case, we obtain the stability observed by Murnaghan a long time ago, and first proved by Littlewood in 1958. If time permits we will give other applications of the diagrammatic method. (Received August 16, 2014)