1067-35-1793   **Zhongyi Nie** and **Russell M. Brown***, Department of Mathematics, University of Kentucky, Lexington, KY 40503. *Estimates for a family of multi-linear forms.*

We consider a family of n-linear forms and establish uniform estimates as n increases. We apply these estimates to study a scattering map that arises in several contexts including the inverse conductivity problem and the solution of one of the Davey-Stewartson equations by the method of inverse scattering. (Received September 21, 2010)