Xiaochun Li* (xcli@math.uiuc.edu), Department of Math, University of Illinois at Urbana-Champaign, Urbana, 61801. Some operators related to multilinear oscillatory integrals.

We discuss the relation between multilinear oscillatory integrals and some operators such as bilinear Hilbert transform transforms and Calderon-Zygmund type integral operators associated to polynomial phases. (Received February 04, 2009)