1145-42-1549Dominique Maldague* (dmaldague@berkeley.edu), Dong Dong and Dominick Villano.Special cases of multilinear oscillatory integrals. Preliminary report.

We use tools from the multilinear oscillatory integral program developed by Christ, Li, Thiele, and Tao to treat special cases which are not covered by existing theory. Consideration of special cases leads to two theorems which extend the examples for which we know λ -power decay holds. (Received September 23, 2018)