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Geoff Diestel* (diestelg@math.sc.edu), Dept. of Math., LeConte College, 1523 Greene St., Columbia, SC 29208. *Some results and open problems related to multilinear operators associated with rough kernels or multipliers.* Preliminary report.

New results and open problems related to multilinear operators with rough kernels or rough multipliers will be discussed. Some classical results in the theory of singular integral operators can be extended to the multilinear setting without any additional conditions. A short survey of known results will be included. (Received August 07, 2007)