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Carlos Pérez, Universidad de Sevilla, Seville, Spain, Gladis Pradolini, Universidad Nacional del Litoral, Santa Fe, Argentina, Rodolfo H. Torres* (torres@math.ku.edu), Department of Mathematics, University of Kansas, 1460 Jayhawk Blvd., Lawrence, KS 66045-7594, and Rodrigo Trujillo-González, Universidad de La Laguna, La Laguna, Spain. Iterated commutators of multilinear singular integrals.

Iterated commutators of multilinear Calderón-Zygmund operators and pointwise multiplication with functions in BMO are studied in products of Lebesgue spaces. Both strong type and weak end-point estimates are obtained, including weighted results involving the vectors weights of the multilinear Calderón-Zygmund theory recently introduced in the literature. Some better than expected estimates for certain multilinear operators are presented too. (Received July 28, 2010)