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Paul M Musial* (pmusial@csu.edu), 9501 South King Drive, Chicago, IL 60628. *Integrating the L^r -Derivative.*

We formulate a product rule for the L^r -derivative and an integration by parts formula for the L^r Henstock-Kurzweil integral. We then discuss functions of L^r -bounded variation. Joint work with E. Massarwi and F. Tulone. (Received August 11, 2015)