

## **Integration By Parts for the $L^r$ Henstock Kurzweil Integral**

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P.M. and Y. Sagher described a Henstock-Kurzweil type integral that integrates  $L^r$ -derivatives. In this talk we will describe a product rule for the  $L^r$ -derivative and then develop an integration by parts formula. This is joint work with Francesco Tulone.