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Amalia Culiuc* (aculiuc@amherst.edu), **Wei Chen**, **Francesco Di Plinio**, **Michael Lacey**
and **Yumeng Ou**. *Sparse bounds for Walsh multipliers.*

Motivated by a conjecture of Andrei Lerner regarding quantitative estimates for Marcinkiewicz multipliers and Littlewood-Paley square functions, we study the endpoint sparse bounds for these operators in the Walsh setting. Our result establishes sharp weighted corollaries in terms of the A_p characteristic in the case of the Walsh-Littlewood-Paley square function, and for a restricted range of exponents for Marcinkiewicz multipliers. (Received September 14, 2019)