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**Yen Do\*** (yendo@math.gatech.edu), **Camil Muscalu** (camil@math.cornell.edu) and **Christoph Thiele** (thiele@math.ucla.edu). *A variational estimate for paraproducts*. Preliminary report.

We show variational estimates for paraproducts, which can be viewed as bilinear generalizations of Lépingle's variational estimates for martingale averages or scaled families of convolution operators. The heart of the matter is the case of low variation exponents. Joint work with Camil Muscalu and Christoph Thiele. (Received August 10, 2010)