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David Cruz-Uribe and **Kabe Moen*** (moen@math.wustl.edu), Washington University, One Brookings Drive, Department of Mathematics, Box 1146, St. Louis, MO 63130. *Sharp two weight inequalities for commutators of singular integrals.*

We will discuss sufficient conditions on pairs of weights (u, v) for commutators of classical operators to be bounded from $L^p(v)$ to $L^p(u)$. Our results are sharp and they demonstrate that commutators are more singular than the underlying operator. This work is based on a collaboration with David Cruz-Uribe. (Received January 17, 2011)