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**Kabe Moen\***, One Brookings Drive, St. Louis, MO 63130, and **David Cruz-Uribe**. *Sharp norm inequalities for commutators of classical operators.*

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 August 10, 2010)