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Tuscaloosa, AL 35487. *Commutators on Lipschitz spaces and related function spaces.*

We characterize the symbol functions so that the associated commutators with symbol functions and the Hilbert transform are bounded on Lipschitz space  $\Lambda_\alpha^p$ , where  $1 < p < \infty$  and  $0 < \alpha < 1/p$ . Properties of such symbols are discussed also. (Received February 05, 2008)