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Janine E. Wittwer* (jwtwitter@math.uchicago.edu), Mathematics Department, Williams College, Williamstown, MA 01267. *The sharp bound of the continuous square function in $L^2(w)$.*

In this paper, I prove that the sharp bound of the continuous square function in $L^2(w)$ is linear in the A_2 norm of w . (Received October 03, 2000)