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Magali Folch-Gabayet*, folchgab@matem.unam.mx. *Weak bounds for oscillatory singular integrals.*

We consider singular integral operators on \mathbb{R} given by convolution with a principal value distribution defined by integrating against oscillating kernels of the form $e^{iR(x)}/x$ where $R(x) = P(x)/Q(x)$ is a general rational function with real coefficients. We establish weak-type $(1, 1)$ bounds for such operators which are uniform in the coefficients, depending only on the degrees of P and Q . This is joint work with James Wright. (Received February 10, 2014)