

[Qian, Tao](#)

Singular integrals with holomorphic kernels and Fourier multipliers on star-shaped closed Lipschitz curves. (English) [Zbl 0924.42012](#)

[Stud. Math.](#) 123, No. 3, 195-216 (1997).

The author studies Fourier transforms of functions which are bounded and holomorphic in sectors of \mathbb{R}^2 . He uses the results to establish an extension of the Coifman-McIntosh-Meyer theorem concerning the boundedness of the Cauchy integral operator on Lipschitz curves.

Reviewer: [A.Seeger \(Madison\)](#)

MSC:

[42B15](#) Multipliers for harmonic analysis in several variables

[42B20](#) Singular and oscillatory integrals (Calderón-Zygmund, etc.)

Cited in **12** Documents

Keywords:

[singular integrals](#); [Fourier multipliers](#); [Cauchy integral operator](#); [Lipschitz curves](#)

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