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Flat Marcinkiewicz Integral Operators

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Keywords Authors

<u>Abstract:</u> In this paper, we study Marcinkiewicz integral operators with rough kernels supported by surfaces of revolutions. We prove that our operators are bounded on L^p under certain convexity assumptions on our surfaces and under very weak conditions on the kernel.



<u>Key Words:</u> Marcinkiewicz Integral, rough kernel, flat curves, Fourier transform.

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