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## On the $L^p$ Boundedness of Rough Parametric Marcinkiewicz Functions

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**Abstract:** In this paper, we study the  $L^p$  boundedness of a class of parametric Marcinkiewicz integral operators with rough kernels in  $L(\log^+ L)(\mathbf{S}^{n-1})$ . Our result in this paper solves an open problem left by the authors of ([6]).



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