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## Maximal singular integrals

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**Abstract.** We prove the  $L_p$  boundedness of the maximal operators attached to the singular kernels introduced in [1]. These kernels are obtained by multiplying (pointwise) a classical convolution Calderon-Zygmund kernel with the perturbing factor  $[a]_{x,y}$  (*cf.* below). The importance of these perturbations lies in potential theoretic applications (*cf.* [3, 7]).

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