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## A perturbation result for the Riesz transform

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**Abstract.** We show a perturbation result for the Riesz transform: if  $M_0$  and  $M_1$  are complete Riemannian manifolds which are isometric outside a compact set, we give sufficient conditions so that the boundedness on  $L^p$  of the Riesz transform on  $M_0$  implies the boundedness on  $L^p$  of the Riesz transform on  $M_1$ .

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