	doc_1		doc_2		decision	id
cases	authors	Simone Di Marino Nicola Gigli Aldo Pratelli	Simone Di Marino Nicola Gigli A. Pratelli Global Lipschitz extension preserving local constants			
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	volume		journal	arXiv: Differential Geometry		
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	urls	 http://arxiv.org/pdf/2007.10011v1 http://arxiv.org/abs/2007.10011v1 http://arxiv.org/pdf/2007.10011v1 	doi	10.4171/RLM/913		
			urls	• https://www.semanticscholar.org/paper/9ac926750f59be09eaf947537c91e9cb8b666450		
			id	id5419622826367100990		
	id	id4717165134984770963		The intent of this short note is to extend real valued Lipschitz functions on metric spaces, while locally preserving		
	abstract	The intent of this short note is to extend real valued Lipschitz functions on metric spaces, while locally preserving the asymptotic Lipschitz constant. We then apply this results to give a simple and direct proof of the fact that Sobolev spaces on metric measure spaces defined with a relaxation approach \`a la	abstract	the asymptotic Lipschitz constant. We then apply this results to give a simple and direct proof of the fact that Sobolev spaces on metric measure spaces defined with a relaxation approach a la Cheeger are invariant under isomorphism class of mm-structures.		
	versions	Cheeger are invariant under isomorphism class of mm-structures.	versions			