

cases	doc_1		doc_2		decision	id
			authors	<ul style="list-style-type: none">Juha KinnunenJuha LehrbäckAntti V. VähäkangasXiao Zhong	DUPLICATES	118
	authors	<ul style="list-style-type: none">Juha KinnunenJuha LehrbäckAntti V. VähäkangasXiao Zhong	title	Maximal function estimates and self-improvement results for Poincaré inequalities		
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	urls	<ul style="list-style-type: none">https://web.archive.org/web/20200309140320/https://jyx.jyu.fi/bitstream/handle/123456789/64914/klvzmaximal.pdf;jsessionid=AC3209C545C3B45A47A56010C01E306A?sequence=1	id	id-6952704462563496296		
	id	id-3389432989041180890	abstract	Our main result is an estimate for a sharp maximal function, which implies a Keith-Zhong type self-improvement property of Poincaré inequalities related to differentiable structures on metric measure spaces. As an application, we give structure independent representation for Sobolev norms and universality results for Sobolev spaces.		
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