

cases	doc_1		doc_2		decision	id
					DUPLICATES	1345
	authors	<ul style="list-style-type: none"><li>Ichinose, T.</li><li>Saito, Y.</li></ul>	authors	<ul style="list-style-type: none"><li>Takashi Ichinose</li><li>Yoshimi SaitÅ</li></ul>		
	title	Diracâ€™Sobolev Spaces and Sobolev Spaces	title	Dirac--Sobolev Spaces and Sobolev Spaces		
	publication_date	2010-01-01 00:00:00	publication_date	2010-01-02 02:19:30+00:00		
	source	SupportedSources.CROSSREF	source	SupportedSources.ARXIV		
	journal		journal	None		
	volume		volume			
	doi	10.1619/fesi.53.291	doi			
	urls	<ul style="list-style-type: none"><li>http://www.jstage.jst.go.jp/article/fesi/53/2/53_2_291/_pdf</li><li>http://dx.doi.org/10.1619/fesi.53.291</li></ul>	urls	<ul style="list-style-type: none"><li>http://arxiv.org/pdf/1001.0275v1</li><li>http://arxiv.org/abs/1001.0275v1</li><li>http://arxiv.org/pdf/1001.0275v1</li></ul>		
	id	id-7438535532305006709	id	id7916472046604870661		
	abstract		abstract	The aim of this work is to study the first order Dirac-Sobolev spaces in $L^p$ norm on an open subset of $\mathbb{R}^3$ to clarify its relationship with the corresponding Sobolev spaces. It is shown that for $1 < p < \infty$ , they coincide, while for $p=1$ , the latter spaces are proper subspaces of the former.		
	versions		versions			