	doc_1		doc_2		decision	id
cases			authors	Aleksandr Dyachenko Valerii Los		
	authors	O. DiachenkoV. Los	title	Some problems for Petrovskii parabolic systems in generalized Sobolev spaces		
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	title	Some problems for Petrovskii parabolic systems in generalized Sobolev spaces	source	SupportedSources.ARXIV		
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	source	SupportedSources.SEMANTIC_SCHOLAR	volume doi urls • http://arxiv.org/pdf/2103.16474v1 • http://arxiv.org/abs/2103.16474v1 • http://arxiv.org/pdf/2103.16474v1 id id-8791097646008975433	• http://arxiv.org/abs/2103.16474v1	DUPLICATES 540	
	journal	Journal of Elliptic and Parabolic Equations				540
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	urls	• https://www.semanticscholar.org/paper/9ad15c8c74000e303a928b95e2e3b2195745e065				
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	abstract	None		We consider an inhomogeneous initial-boundary value problem for a Petrovskii parabolic system of second order PDEs. We prove that this problem induces isomorphisms between appropriate anisotropic generalized Sobolev spaces. The regularity of these spaces are given by a pair of real numbers and by a function parameter. The latter allows us to characterize the regularity of solutions to the problem more finely as compared with anisotropic Sobolev spaces.		
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