cases	doc_1		doc_2		decision	id
			authors	• Sergey M. Zagorodnyuk	NOT DUPLICATES	675
	authors	• Zagorodnyuk, S.	**title**	On some Sobolev spaces with matrix weights and classical type Sobolev orthogonal polynomials		
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	urls	• https://www.tandfonline.com/doi/pdf/10.1080/10236198.2021.1887160 • http://dx.doi.org/10.1080/10236198.2021.1887160	**id**	id-7149646474869092917		
	id	id-1118629691404053146	**abstract**	For every system $\{ p_n(z) \}_{n=0}^\infty$ of OPRL or OPUC, we construct Sobolev orthogonal polynomials $y_n(z)$, with explicit integral representations involving p_n. Two concrete families of Sobolev orthogonal polynomials (depending on an arbitrary number of complex parameters) which are generalized eigenvalues of a difference operator (in n) and generalized eigenvalues of a differential operator (in n) are given. Applications of a general connection between Sobolev orthogonal polynomials and orthogonal systems of functions in the direct sum of scalar L^2_μ spaces are discussed.		
	abstract		**versions**			
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