		doc_1		doc_2	decision	id
cases	**authors**	• Mirela Kohr • Sergey E. Mikhailov • Wolfgang L. Wendland	**authors**	• Mirela Kohr • Sergey E. Mikhailov • Wolfgang L. Wendland	DUPLICATES	97
	title	Newtonian and Single Layer Potentials for the Stokes System with Lâˇž Coefficients and the Exterior Dirichlet Problem	**title**	Newtonian and single layer potentials for the Stokes system with L^âˇž coefficients and the exterior Dirichlet problem		
	publication_date	2019-01-01 00:00:00	**publication_date**	2018-07-26 00:00:00		
	source	SupportedSources.INTERNET_ARCHIVE	**source**	SupportedSources.INTERNET_ARCHIVE		
	journal	Springer Fachmedien Wiesbaden	**journal**			
	volume		**volume**			
	doi	10.1007/978-3-030-02650-9_12	**doi**			
	urls	• https://web.archive.org/web/20190430103841/https://bura.brunel.ac.uk/bitstream/2438/17852/1/FullText.pdf	**urls**	• https://web.archive.org/web/20200924151816/https://arxiv.org/pdf/1807.10222v1.pdf		
	id	id8443566521050807082	**id**	id791558146805127839		
	abstract	A mixed variational formulation of some problems in L 2based Sobolev spaces is used to define the Newtonian and layer potentials for the Stokes system with L âˇž coefficients on Lipschitz domains in R 3 . Then the solution of the exterior Dirichlet problem for the Stokes system with L âˇž coefficients is presented in terms of these potentials and the inverse of the corresponding single layer operator. Mathematics Subject Classification (2010). Primary 35J25, 35Q35, 42B20, 46E35; Secondary 76D, 76M.	**abstract**	A mixed variational formulation of some problems in L^2-based Sobolev spaces is used to define the Newtonian and layer potentials for the Stokes system with L^âˇž coefficients on Lipschitz domains in R^3. Then the solution of the exterior Dirichlet problem for the Stokes system with L^âˇž coefficients is presented in terms of these potentials and the inverse of the corresponding single layer operator.		
	versions		**versions**			