cases	doc_1	doc_2	decision	id
			NOT DUPLICATES	1906

doc_1

authors	• Mikhailets, Vladimir A. • Murach, Aleksandr A. • Soldatov, Vitalii
title	Continuity in a parameter of solutions to generic boundary-value problems
publication_date	2016-01-01 00:00:00
source	SupportedSources.CORE
journal	
volume	
doi	None
urls	• https://core.ac.uk/download/147092037.pdf
id	id2831291992465247052
abstract	None
versions	

doc_2

authors	• Mikhailets, Vladimir A. • Murach, Aleksandr A. • Soldatov, Vitalii
title	Continuity in a parameter of solutions to generic boundary-value problems
publication_date	2016-01-01 00:00:00
source	SupportedSources.CORE
journal	Electronic journal of qualitative theory of differential equations
volume	
doi	10.14232/ejqtde.2016.1.87
urls	• https://core.ac.uk/download/78476606.pdf
id	id2767820222280226947
abstract	We introduce the most general class of linear boundary-value problems for systems of first-order ordinary differential equations whose solutions belong to the complex H\"older space $C^{n+1,\alpha}$, with $0\leq n\in\mathbb{Z}$ and $0\leq\alpha\leq1$. The boundary conditions can contain derivatives $y^{(r)}$, with $1\leq r\leq n+1$, of the solution y to the system. For parameter-dependent problems from this class, we obtain constructive criterion under which their solutions are continuous in the normed space $C^{n+1,\alpha}$ with respect to the parameter.Comment: 15 page
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