Elza Farkhi

List of Publications by Year
in descending order

25 papers	406 citations	840776 11 h-index	752698 20 g-index
27 all docs	27 docs citations	27 times ranked	112 citing authors

#	Article	IF	Citations
1	Metric Fourier Approximation of Set-Valued Functions of Bounded Variation. Journal of Fourier Analysis and Applications, 2021, 27, 1.	1.0	1
2	Approximation of 3D objects by piecewise linear geometric interpolants of their 1D cross-sections. Journal of Computational and Applied Mathematics, 2020, 368, 112466.	2.0	2
3	Metric approximation of set-valued functions of bounded variation. Journal of Computational and Applied Mathematics, 2019, 349, 251-264.	2.0	5
4	The Metric Integral of Set-Valued Functions. Set-Valued and Variational Analysis, 2018, 26, 867-885.	1.1	3
5	Discrete Filippov-Type Stability for One-Sided Lipschitzian Difference Inclusions. Lecture Notes in Economics and Mathematical Systems, 2018, , 27-55.	0.3	1
6	From Quasidifferentiable to Directed Subdifferentiable Functions: Exact Calculus Rules. Journal of Optimization Theory and Applications, 2016, 171, 384-401.	1.5	3
7	Directed Subdifferentiable Functions and the Directed Subdifferential Without Delta-Convex Structure. Journal of Optimization Theory and Applications, 2014, 160, 391-414.	1.5	4
8	The directed and Rubinov subdifferentials of quasidifferentiable functions, Part II: Calculus. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 1058-1073.	1.1	11
9	The directed and Rubinov subdifferentials of quasidifferentiable functions, Part I: Definition and examples. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 1074-1088.	1.1	12
10	On Computing the Mordukhovich Subdifferential Using Directed Sets in Two Dimensions. Springer Optimization and Its Applications, 2010, , 59-93.	0.9	6
11	Multi-segmental representations and approximation of set-valued functions with 1D images. Journal of Approximation Theory, 2009, 159, 39-60.	0.8	2
12	Discrete Approximations and Fixed Set Iterations in Banach Spaces. SIAM Journal on Optimization, 2007, 18, 895-906.	2.0	5
13	Discrete approximations, relaxation, and optimization of one-sided Lipschitzian differential inclusions in Hilbert spaces. Journal of Differential Equations, 2007, 243, 301-328.	2.2	37
14	Approximations of Set-Valued Functions by Metric Linear Operators. Constructive Approximation, 2007, 25, 193-209.	3.0	11
15	Regularity and Integration of Set-Valued Maps Represented by Generalized Steiner Points. Set-Valued and Variational Analysis, 2007, 15, 185-207.	0.5	40
16	Set-Valued Approximations with Minkowski Averages â€" Convergence and Convexification Rates. Numerical Functional Analysis and Optimization, 2005, 25, 363-377.	1.4	15
17	Fixed set iterations for relaxed Lipschitz multimaps. Nonlinear Analysis: Theory, Methods & Applications, 2003, 53, 997-1015.	1.1	11
18	Title is missing!. Set-Valued and Variational Analysis, 2001, 9, 247-272.	0.5	15

#	Article	IF	Citations
19	Title is missing!. Set-Valued and Variational Analysis, 2001, 9, 217-245.	0.5	22
20	Spline subdivision schemes for convex compact sets. Journal of Computational and Applied Mathematics, 2000, 119, 133-144.	2.0	18
21	Stability and Euler Approximation of One-sided Lipschitz Differential Inclusions. SIAM Journal on Control and Optimization, 1998, 36, 780-796.	2.1	59
22	Moduli of smoothness of vector valued functions of a real variable and applications. Numerical Functional Analysis and Optimization, 1990, 11, 497-509.	1.4	17
23	Error estimates for discretized differential inclusions. Computing (Vienna/New York), 1989, 41, 349-358.	4.8	88
24	Approximation of set-valued functions with compact imagesâ€"-an overview. , 0, , .		0
25	High-Order Approximation of Set-Valued Functions. Constructive Approximation, 0, , .	3.0	0