



Anexa nr. 1

Fişă de verificare privind îndeplinirea standardelor minimale pe domenii ale universităţii**Facultatea de Matematică****Nume şi prenume: Florea Elena-Andreea****S=11,464831; S_{recent}=7,193998; C=41**

Nr.	Referință bibliografică	Publicată în anii t-i, unde t=2026 și $i \in \{1, \dots, 7\}$	s _i (anul ediției)	n _i	s _i /n _i
1.	M. Durea, E.-A. Florea, R. Strugariu, Revisiting approximate minimality and approximate criticality in scalar optimization with constraints, Mathematical Methods of Operations Research, DOI: 10.1007/s00186-026-00915-9	NU	1,168 (2025)	3	0,389333
2.	M. Durea, E.-A. Florea, E.-C. Stamate, A common approach to vector and set optimization under differentiability assumptions, Optimization, DOI: 10.1080/02331934.2025.2597968	DA	1,376 (2025)	3	0,458666
3.	M. Durea, E.-A. Florea, R. Strugariu, Point-based sufficient conditions for sharp solutions in nonsmooth optimization, Journal of Global Optimization, 93 (2025), 451–470	DA	1,685 (2025)	3	0,561666
4.	M. Durea, E.-A. Florea, Cone-compactness of a set and related topological properties: stability issues and applications, Optimization Methods & Software, 40 (2025), 675–695	DA	1,943 (2024)	2	0,9715
5.	M. Durea, E.-A. Florea, Conic cancellation laws and some applications in set optimization, Optimization, 74 (2025), 2657–2675	DA	1,376 (2025)	2	0,688
6.	M. Durea, E.-A. Florea, Weak set-equilibrium problems: existence and stability conditions, Optimization, 73 (2024), 3487–3514	DA	1,376 (2025)	2	0,688
7.	M. Durea, E.-A. Florea, Subdifferential calculus and ideal solutions for set-optimization problems, Journal of Nonlinear and Variational Analysis, 8 (2024), 533–547	DA	1,07 (2024)	2	0,535
8.	M. Durea, E.-A. Florea, Cone-compactness of a set and applications to set-equilibrium problems, Journal of Optimization Theory and Applications, 200 (2024), 1286–1308	DA	1,636 (2024)	2	0,818
9.	M. Durea, E.-A. Florea, Directional and approximate efficiency in set optimization, Mathematical Methods of Operations Research, 98 (2023), 435–459	DA	1,168 (2025)	2	0,584
10.	M. Durea, E.-A. Florea, D. Maxim, R. Strugariu, Approximate efficiency in set-valued optimization with variable order, Journal of Nonlinear and Variational Analysis, 6 (2022), 619–640	DA	1,07 (2024)	4	0,2675

11.	E.-A. Florea , D. Maxim, Directional openness for epigraphical mappings and optimality conditions for directional efficiency, <i>Optimization</i> , 70 (2021), 321–344	DA	1,376 (2025)	2	0,688
12.	T. Chelmuș, M. Durea, E.-A. Florea , Directional Pareto efficiency: concepts and optimality conditions, <i>Journal of Optimization Theory and Applications</i> , 182 (2019), 336–365	DA	1,636 (2024)	3	0,545333
13.	M. Durea, E.-A. Florea , R. Strugariu, Henig proper efficiency in vector optimization with variable ordering structure, <i>Journal of Industrial and Management Optimization</i> , 15 (2019), 791–815	DA	1,165 (2025)	3	0,388333
14.	E.-A. Florea , Vector optimization problems with generalized functional constraints in variable ordering structure setting, <i>Journal of Optimization Theory and Applications</i> , 178 (2018), 94–118	NU	1,636 (2024)	1	1,636
15.	M. Durea, E.-A. Florea , A study of generalized vector variational inequalities via vector optimization problems, <i>Vietnam Journal of Mathematics</i> , 46 (2018), 33–52	NU	1,137 (2024)	2	0,5685
16.	I. M. Durea, E.-A. Florea , Calculus of some higher-order derivatives for set-valued mappings and applications to generalized vector optimization, <i>Pacific Journal of Optimization</i> , 14 (2018), 431–449	NU	0,602 (2021)	2	0,301
17.	E.-A. Florea , Coderivative necessary optimality conditions for sharp and robust efficiencies in vector optimization with variable ordering structure, <i>Optimization</i> , 65 (2016), 1417–1435	NU	1,376 (2025)	1	1,376

Citări în reviste cu $SRI \geq 0,5$

Referința bibliografică citată	Referința bibliografică care citează	s_i (anul ediției)	Număr citări per referință
T. Chelmuș, M. Durea, E.-A. Florea , Directional Pareto efficiency: concepts and optimality conditions, <i>Journal of Optimization Theory and Applications</i> , 182 (2019), 336–365	1. M. Burlică, M. Durea, R. Strugariu, On directional subregularity of mappings, <i>Optimization</i> , 72 (2021), 81–105	1,376 (2025)	10
	2. V.S.T. Long, Directional variational principles and applications to the existence study in optimization, <i>Journal of Industrial and Management Optimization</i> , 19 (2023), 7506–7521	1,165 (2025)	
	3. V.S.T. Long, An invariant-point theorem in Banach space with applications to nonconvex optimization, <i>Journal of Optimization Theory and Applications</i> , 194 (2022), 440–464	1,636 (2024)	
	4. M. Durea, D. Maxim, R. Strugariu, Metric inequality conditions on sets and consequences in optimization, <i>Journal of Optimization Theory and Applications</i> , 189 (2021), 744–771	1,636 (2024)	
	5. T. Chelmuș, Exact penalization and optimality conditions for approximate directional minima, <i>Taiwanese Journal of Mathematics</i> , 26 (2022), 201–219	0,781 (2025)	
	6. M.A. Mansour, M. Durea, R. Strugariu, Strict directional solutions in vectorial problems: necessary optimality condition, <i>Journal of Global Optimization</i> , 82 (2022), 119–138	1,685 (2025)	
	7. D.S. Kim, K.D. Bae, V.S.T. Long, Directional Levitin–Polyak well-posedness for optimization problems and variational inequalities, <i>Computational and Applied Mathematics</i> , 44,	1,06 (2025)	

	article number 396 (2025)		
	8. T. Chelmuş, M. Durea, Stability of minimality and criticality in directional set-valued optimization problems, Positivity, 25 (2021), 1175–1198	1,055 (2025)	
	9. Y. Gao, Q. Zhao, G. Yang, X. Yu, Y. Ma, Efficiency evaluation of scientific data sharing platforms in serving research considering heterogeneity based on DEA: a case study of national science data centers in China, Research Evaluation, 34 (2025)	2,95 (2025)	
	10. D.-E. Maxim, Optimality conditions for directional efficiency in set-valued optimization, Pacific Journal of Optimization, 21 (2025), 1-16	0,602 (2021)	
M. Durea, E.-A. Florea , Cone-compactness of a set and applications to set-equilibrium problems, Journal of Optimization Theory and Applications, 200 (2024), 1286–1308	1. N.H. Danh, Semicontinuity conditions for set-valued equilibrium problems and applications to set optimization problems, TOP, 34 (2025), 24–39	1,037 (2025)	5
	2. E. Ernst, Pareto efficiency for vector-valued functions which are lower semi-continuous in the sense of Penot and Théra, Optimization, DOI: 10.1080/02331934.2025.2589350	1,376 (2025)	
	3. M. Durea, E.-C. Stamate, An embedding result for a class of epigraphical sets and applications to set optimization, Journal of Nonlinear and Variational Analysis, 9 (2025), 907–925	1,07 (2024)	
	4. Y. Han, Cone Sequential compactness of a set and an application to set optimization problems, Journal of Optimization Theory and Applications, 206, article number 59 (2025)	1,636 (2024)	
	5. L.Q. Anh, L.V. Day, T.Q. Duy, C. Tammer, J.-C. Yao, External and internal stability for set optimization problems, Journal of Optimization Theory and Applications, 209, article number 43 (2026)	1,636 (2024)	
M. Durea, E.-A. Florea , Subdifferential calculus and ideal solutions for set-optimization problems, Journal of Nonlinear and Variational Analysis, 8 (2024), 533–547	1. T.X.D. Ha, Strict efficiency in set optimization studied with the set approach, Journal of Optimization Theory and Applications, 205, article number 21 (2025)	1,636 (2024)	5
	2. Y. Han, Cone Sequential compactness of a set and an application to set optimization problems, Journal of Optimization Theory and Applications, 206, article number 59 (2025)	1,636 (2024)	
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	4. M. Durea, E.-C. Stamate, An embedding result for a class of epigraphical sets and applications to set optimization, Journal of Nonlinear and Variational Analysis, 9 (2025), 907–925	1,07 (2024)	
	5. Z. Zhou, Z. Deng, C. Liu, K. Zhao, Proper subdifferential of set-valued maps and its applications in linear spaces, Journal of Optimization Theory and Applications, 209, article number 6 (2026)	1,636 (2024)	
E.-A. Florea , Coderivative necessary optimality conditions for sharp and robust efficiencies in vector optimization with variable ordering structure, Optimization, 65 (2016),	1. C. Hu, J. Zhu, Lagrange multiplier rules for weak approximate Pareto solutions to constrained vector optimization problems with variable ordering structures, Optimization, 71 (2022), 2131–2155	1,376 (2025)	3

1417–1435	2. J.-P. Penot, Error bounds and multipliers in constrained optimization problems with tolerance, SIAM Journal on Optimization, 29 (2019), 522–540	4,638 (2024)	
	3. E. Kobis, M.A. Kobis, C. Tammer, A first bibliography on set and vector optimization problems with respect to variable domination structures, Journal of Nonlinear and Variational Analysis, 6 (2022), 725–735	1,07 (2024)	
M. Durea, E.-A. Florea , Conic cancellation laws and some applications in set optimization, Optimization, 74 (2025), 2657–2675	1. M. Durea, E.-C. Stamate, An embedding result for a class of epigraphical sets and applications to set optimization, Journal of Nonlinear and Variational Analysis, 9 (2025), 907–925	1,07 (2024)	3
	2. P. K. Sharma, W.-S. Du, Ekeland's variational principle for weighted set relation with set perturbation and application to game theory, Optimization, 74 (2025), 4861–4880	1,376 (2025)	
	3. Y. Araya, W.-S. Du, A new minimal element theorem and new generalizations of Ekeland's variational principle in complete lattice optimization problem, Positivity, 28 (2024)	1,055 (2025)	
M. Durea, E.-A. Florea , Calculus of some higher-order derivatives for set-valued mappings and applications to generalized vector optimization, Pacific Journal of Optimization, 14 (2018), 431–449	1. M. Jelitte, B.S. Mordukhovich, The least singular value function in variational analysis, Set-Valued and Variational Analysis, 33, article number 36 (2025)	1,986 (2024)	3
	2. M. Jelitte, Second-order Studniarski derivatives: computation and application, Set-Valued and Variational Analysis, 33, article number 28, (2025)	1,986 (2024)	
	3. N.M. Tung, Strict efficiency conditions for nonsmooth optimization with inclusion constraint under Hölder directional metric subregularity, Optimization, 72 (2023), 763–788	1,376 (2025)	
E.-A. Florea , D. Maxim, Directional openness for epigraphical mappings and optimality conditions for directional efficiency, Optimization, 70 (2021), 321–344	1. M. Durea, D. Maxim, R. Strugariu, Metric inequality conditions on sets and consequences in optimization, Journal of Optimization Theory and Applications, 189 (2021), 744–771	1,636 (2024)	6
	2. M. Burlică, M. Durea, R. Strugariu, On directional subregularity of mappings, Optimization, 72 (2021), 81–105	1,376 (2025)	
	3. M.A. Mansour, M. Durea, R. Strugariu, Strict directional solutions in vectorial problems: necessary optimality condition, Journal of Global Optimization, 82 (2022), 119–138	1,685 (2025)	
	4. T. Chelmuş, M. Durea, Stability of minimality and criticality in directional set-valued optimization problems, Positivity, 25 (2021), 1175–1198	1,055 (2025)	
	5. T. Chelmuş, Exact penalization and optimality conditions for approximate directional minima, Taiwanese Journal of Mathematics, 26 (2022), 201–219	0,781 (2025)	
	6. D.-E. Maxim, Optimality conditions for directional efficiency in set-valued optimization, Pacific Journal of Optimization, 21 (2025), 1-16		
M. Durea, E.-A. Florea , Directional and approximate efficiency in set optimization, Mathematical Methods of Operations Research, 98 (2023), 435–	1. T.X.D. Ha, Strict efficiency in set optimization studied with the set approach, Journal of Optimization Theory and Applications, 205, article number 21 (2025)	1,636 (2024)	1

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M. Durea, E.-A. Florea , R. Strugariu, Henig proper efficiency in vector optimization with variable ordering structure, Journal of Industrial and Management Optimization, 15 (2019), 791–815	1. L. Huerga, B. Jiménez, V. Novo, New notions of proper efficiency in set optimization with the set criterion, Journal of Optimization Theory and Applications, 195 (2022), 878–902	1,636 (2024)	2
	2. C. Günther, B. Khazayel, C. Tammer, Vector optimization w.r.t. relatively solid convex cones in real linear spaces, Journal of Optimization Theory and Applications, 193 (2022), 408–442	1,636 (2024)	
M. Durea, E.-A. Florea , Weak set-equilibrium problems: existence and stability conditions, Optimization, 73 (2024), 3487–3514	1. Y. Han, Cone sequential compactness of a set and an application to set optimization problems, Journal of Optimization Theory and Applications, 206, article number 59 (2025)	1,636 (2024)	2
	2. M. Durea, E.-C. Stamate, An embedding result for a class of epigraphical sets and applications to set optimization, Journal of Nonlinear and Variational Analysis, 9 (2025), 907–925	1,07 (2024)	
E.-A. Florea , Vector optimization problems with generalized functional constraints in variable ordering structure setting, Journal of Optimization Theory and Applications, 178 (2018), 94–118	1. C. Hu, J. Zhu, Lagrange multiplier rules for weak approximate Pareto solutions to constrained vector optimization problems with variable ordering structures, Optimization, 71 (2022), 2131–2155	1,376 (2025)	1
Număr total de citări în reviste cu SRI$\geq$0,5 este C=41.			