

Listă de lucrări

1. M. Durea, **E.-A. Florea**, E.-C. Stamate, *Topological properties of sets with respect to cones and applications in set optimization* (capitol de carte în curs de elaborare).
2. 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.
3. 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.
4. 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.
5. M. Durea, **E.-A. Florea**, *Cone-compactness of a set and related topological properties: stability issues and applications*, Optimization Methods and Software, 40 (2025), 675–695.
6. M. Durea, **E.-A. Florea**, *Conic cancellation laws and some applications in set optimization*, Optimization, 74 (2025), 2657–2675.
7. M. Durea, **E.-A. Florea**, *Weak set-equilibrium problems: existence and stability conditions*, Optimization, 73 (2024), 3487–3514.
8. M. Durea, **E.-A. Florea**, *Subdifferential calculus and ideal solutions in set-optimization problems*, Journal of Nonlinear and Variational Analysis, 8 (2024), 533–547.
9. 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.
10. M. Durea, **E.-A. Florea**, *Directional and approximate efficiency in set optimization*, Mathematical Methods of Operations Research, 98 (2023), 435–459.
11. 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.
12. **E.-A. Florea**, D. Maxim, *Directional openness for epigraphical mappings and optimality conditions for directional efficiency*, Optimization, 70 (2021), 321–344.
13. M. Durea, **E.-A. Florea**, R. Strugariu, *Efficiencies and optimality conditions in vector optimization with variable ordering structure*, book chapter in *Variational Analysis and Set Optimization: Developments and Applications in Decision Making*, Editors: C. Tammer, A. Khan, E. Köbis, CRC Press, Taylor & Francis, 2019.

14. T. Chelmus, M. Durea, **E.-A. Florea**, *Directional Pareto efficiency: concepts and optimality conditions*, Journal of Optimization Theory and Applications, 182 (2019), 336–365.
15. 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.
16. **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.
17. 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.
18. M. Durea, **E.-A. Florea**, *A study of generalized vector variational inequalities via vector optimization problems*, Vietnam Journal of Mathematics, 46 (2018), 33–52.
19. **E.-A. Florea**, *Coderivative necessary optimality conditions for sharp and robust efficiencies in vector optimization with variable ordering structure*, Optimization, 65 (2016), 1417–1435.