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Publications

Journals

- M. H. Alizadeh, A.Y. Zanjani, "On the sum rules and maximality of generalized subdifferentials", Optimization, 2024, doi: <u>https://doi.org/10.1080/02331934.2023.2187666</u>
- M. H. Alizadeh, A. N. Iusem, W. Sosa, "Some resent results on premonotone operators", Journal of Convex Analysis, Vol. 31, NO. 2, 2024
- Alizadeh, M.H., "On e-convex functions and e-subdifferentials in locally convex spaces", Optimization, Vol. 72, NO. 5, pp. 1247-1362, 2023, doi: <u>https://doi.org/10.1080/02331934.2021.2015769</u>
- M. H. Alizadeh, J. Hosseinabadi, "On σ-subdifferential polarity and Frechet σ-subdifferential", Numer. Funct. Anal. Optim., Vol. 44, NO. 7, pp. 603-618, 2023
- Alizadeh, M. H., "On the sigma-conjugate maps", PJM, Vol. 12, NO. 1, pp. 1-4, 2023
- Alizadeh, M.H., and Mako, J., "On e-convexity", Miskolc Mathematical Notes, Vol. 23, NO. 1, pp. 51-60, 2022
- Alimohammady, M., Alizadeh, M.H., Jahangir, A., Ramazannejad, M., Roohi, M., "θ-Monotone Operators and Bifunctions", Filomat, Vol. 36, NO. 6, pp. 1819-1836, 2022, doi:



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- Hadi Khatibzadeh, Vahid Mohebbi, and Mohammad Hossein Alizadeh, "On the cyclic pseudomonotonicity and the proximal point algorithm", Numerical Algebra, Control & Optimization, Vol. 8, NO. 4, pp. 441-449, 2018
- M.H. Alizadeh and M. Roohi, "Some results on pre-monotone operators.", Bull. Iran. Math. Soc., Vol. 43, NO. 6, pp. 2085-2097, 2017
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- Alizadeh, M. H., Hadjisavvas, N., "On the Fitzpatrick transform of a monotone bifunction", Optimization, Vol. 62, pp. 693-701, 2013
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Conferences

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- Mohammad Hossein Alizadeh, "On the Sigma-conjugate functions", The Third International Conference of Mathematics and its Applications (TICMA2022), 2022
- Alizadeh, M.H, "On generalized subdifferentials in Banach spaces (Invited speaker)", The 6th Seminar on Functional Analysis and its Applications, pp. 1-4, 3, 2021
- Mohammad Hossein Alizadeh (Invited Speaker), "A short overview of the historical path of monotone operators and



bifunctions", The Second Workshop on Nonsmooth Optimization and its Applications, pp. 1-16, 06, 2021

- Alizadeh, M. H., "σ-convex functions and their properties", National Seminar on Control and Optimization, 2019
- Alizadeh, M. H., "Fitzpatrick function for pre-monotone operators", 12th International Symposium on Generalized Convexity and Monotonicity, Debrecen, Hungary, 2017
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