

Lista de lucrări

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Articole științifice:

- [1] Kajántó S., Kristály A., Peter I.R., Zhao W. – *A generic functional inequality and Riccati pairs: an alternative approach to Hardy-type inequalities*. Math. Ann., 390, 3621–3663, 2024.
<https://doi.org/10.1007/s00208-024-02827-7>
- [2] Farkas Cs., Kajántó S., Kristály A. – *Sharp spectral gap estimates for higher-order operators on Cartan–Hadamard manifolds*. Commun. Contemp. Math., accepted, 2024.
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- [3] Kajántó S. – *Rellich inequalities via Riccati pairs on model space forms*. J. Math. Anal. Appl. 531(2), 127870, 2024.
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- [5] Farkas C., Kajántó S., Varga C. – *Lower semicontinuity of Kirchhoff-type energy functionals and spectral gaps on (sub) Riemannian manifolds*. Topol. Methods Nonlinear Anal. 61(2), 743-760. 2023.
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- [6] Cseh T., Kajántó S., Lukács A. – *On possible generalisations of quasi-contractions*. Stud. Univ. Babeş-Bolyai Math. 67 (3), 615–619. 2022.
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- [9] Kajántó S., Lukács A. – *On the Conditions of Fixed-Point Theorems Concerning F-Contractions*. Results Math. 73 : 2 p. 73, 2018.
<https://doi.org/10.1007/s00025-018-0846-1>
- [10] Lukács A., Kajántó S. – *Fixed point theorems for various types of F-contractions in complete b-metric spaces*. Fixed Point Theory 19. pp. 321-334. 2018.
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<https://doi.org/10.2478/ausm-2018-0007>

Teză de doctorat

- [1] Kajántó S. – *New approach for Hardy–Rellich inequalities*, 2024.
Conducător de doctorat: Prof. dr. Alexandru Kristály

Curs universitar

- [1] Andrász Sz., Kajántó S., Lukács A. – *Közönséges differenciálegyenletek (Ecuatii diferențiale ordinare)*. Editura Status, Miercurea-Ciuc, 2018.
ISBN 978-606-661-086-5