



# Alireza Khastan

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## Publications

### Journals

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- Khastan, Alireza and Nieto, Juan J and Rodr{\'{i}}guez-L{\'{o}}pez, Rosana, "Existence of solutions to uncertain differential equations of nonlocal type via an extended Krasnosel'skii fixed point theorem", The European Physical Journal Plus, Vol. 137, NO. 12, 2022
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- Khastan, Alireza and Rodr{\'{i}}guez-L{\'{o}}pez, Rosana and Shahidi, Mina, "New metric-based derivatives for fuzzy functions and some of their properties", Fuzzy Sets and Systems, Vol. 436, NO. 3, 2022



- Sadeghi Bigham, B and Dolatikalan, S and Khastan, A, "Minimum landmarks for robot localization in orthogonal environments", *Evolutionary Intelligence*, Vol. 15, NO. 3, 2022
- Beigmohamadi, R and Khastan, A, "Interval discrete fractional calculus and its application to interval fractional difference equations", *Iranian Journal of Fuzzy Systems*, Vol. 579, NO. 3, 2021
- Wang, Hongzhou and Rodriguez-Lopez, Rosana and Khastan, Alireza, "On the stopping time problem of interval-valued differential equations under generalized Hukuhara differentiability", *Information Sciences*, Vol. 579, NO. 3, 2021
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- Son, Nguyen Thi Kim and Dong, Nguyen Phuong and Long, Hoang Viet and Khastan, Alireza and others, "Linear quadratic regulator problem governed by granular neutrosophic fractional differential equations", *ISA transactions*, Vol. 97, NO. 7, 2020
- Zarei, H and Khastan, A and Zafari, A, "Optimal control of linear fuzzy time-variant controlled systems", *Iranian Journal of Fuzzy Systems*, Vol. 17, NO. 5, 2020
- Dong, Nguyen Phuong and Long, Hoang Viet and Khastan,



- Alireza, "Optimal control of a fractional order model for granular SEIR epidemic with uncertainty", *Communications in nonlinear science and numerical simulation*, Vol. 88, NO. 5, 2020
- Shahidi, Mina and Khastan, Alireza, "Linear fuzzy Volterra integral equations on time scales", *Computational and Applied Mathematics*, Vol. 39, NO. 3, 2020
  - Son, Nguyen Thi Kim and Dong, Nguyen Phuong and Khastan, Alireza and Long, Hoang Viet and others, "Complete controllability for a class of fractional evolution equations with uncertainty", *Evolution Equations & Control Theory*, Vol. 39, NO. 3, 2020
  - Khastan, Alireza, "Linear dynamical equations with uncertainty on time Scales", *Rocky Mountain Journal of Mathematics*, Vol. 49, NO. 4, 2019
  - Khastan, A and Azadi, H, "Existence and uniqueness of solution for a nonhomogeneous discrete fractional initial value problem", *Rocky Mountain Journal of Mathematics*, Vol. 49, NO. 4, 2019
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- Abdollahi, R and Khastan, A and Nieto, JJ and Rodriguez-Lopez, Rosana, "On the linear fuzzy model associated with Caputo--Fabrizio operator", Boundary Value Problems, Vol. 2018, NO. 1, 2018
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