

Published papers in journals:

1. [Hadi Sadoghi Yazdi, Morteza Pakdaman, Hamed Modaghegh, "Unsupervised kernel least mean square algorithm for solving ordinary differential equations", *Neurocomputing* 74 \(2011\) 2062–2071.](#)
2. [Sohrab Effati, Morteza Pakdaman, "Artificial neural network approach for solving fuzzy differential equations", *Information Sciences* 180 \(2010\) 1434–1457.](#)
3. [Hadi Sadoghi Yazdi, Hamed Modaghegh, Morteza Pakdaman, "Ordinary differential equations solution in kernel space", *Neural Comput & Applic.*](#)
4. [Sohrab Effati, Morteza Pakdaman and Mahdi Ranjbar, "A new fuzzy neural network model for solving fuzzy linear programming problems and its applications ", *Neural Computing & Applications* Volume 20, Number 8, 1285-1294](#)
5. [Morteza Pakdaman, "Erratum to "A new branch and bound method with pretreatment for the binary quadratic programming" \[*Appl. Math. Comput.* 192 \(2007\) 252–259\]", *Applied Mathematics and Computation* 217 \(2011\) 6441.](#)
6. [Morteza Pakdaman, "A note on "A new local and global optimization method for mixed integer quadratic programming problems" by G.Q. Li et al.", *Applied Mathematics and Computation* 217 \(2011\) 5998.](#)
7. [H. Sadoghi, M. Pakdaman, S. Effati, "Fuzzy circuit analysis", *International Journal of Applied Engineering Research*, Volume 3, Number 8 \(2008\), pp. 1061–1071.](#)
8. [Sohrab Effati • Morteza Pakdaman, "Optimal control problem via neural networks", *Neural Computing and Applications* December 2013, Volume 23, Issue 7-8, pp 2093-2100.](#)
9. [Sohrab Effati, Morteza Pakdaman, "Solving the Interval-Valued Linear Fractional Programming Problem", *American Journal of Computational Mathematics*, 2012, 2, 51-55.](#)
10. [Morteza Pakdaman and Sohrab Effati, "Bounds for convex quadratic programming problems and some important applications", *Int. J. Operational Research.*](#)
11. [Morteza Pakdaman and Sohrab Effati, " Approximating the Solution of Optimal Control Problems by Fuzzy Systems", *Neural Processing Letters*](#)
12. [Javad Sabouri K., Sohrab Effati and Morteza Pakdaman, " A Neural Network Approach for Solving a Class of Fractional Optimal Control Problems", *Neural Processing Letters*](#)
13. [Morteza Pakdaman and Sohrab Effati, " Fuzzy Projection Over a Crisp Set and Applications", *International Journal of Fuzzy Systems*](#)
14. [Morteza Pakdaman and Sohrab Effati, " On fuzzy linear projection equation and applications", *Fuzzy Optimization and Decision Making.*](#)
15. [M. Pakdaman, A. Ahmadian, S. Effati, S. Salahshour, D. Baleanu, "Solving differential equations of fractional order within an optimization based on neural network", *Applied Mathematics and Computation.*](#)
16. [Alireza Pooya and Morteza Pakdaman, " ANALYSING THE SOLUTION OF PRODUCTION-INVENTORY OPTIMAL CONTROL SYSTEMS BY NEURAL](#)

[NETWORKS'](#), RAIRO Oper. Res.

Some Published Papers in Conferences

1- *Artificial neural network for solving FDEs* [1386] .

2- [1388] .

3- [1390] .

4- [1390] .

5- [1389] .

6- *Numerical simulation of tumor development stages using artificial neural networks* [1390] .

7- *A new fuzzy neural network model for solving fuzzy maximum flow problem* [1386] .

8- [1386] .

9- *Interval-valued fuzzy shortest path problem with a new neural network model*.1387

10- *A differential model for solving an optimization problem with interval-valued objective function*.1386

11- *Solving fuzzy shortest path problem with a new neural network model*.1386

12- *Interval-valued fuzzy shortest path problem with a new neural network model*.1386

13- *Interval-valued fuzzy shortest path problem with a new neural network model*.1388

14- *Interval-valued fuzzy shortest path problem with a new neural network model*.1389

15- *Interval-valued fuzzy shortest path problem with a new neural network model*.1389

16- *Interval-valued fuzzy shortest path problem with a new neural network model*.1390

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