




MAKHOLOUF LEDMI

MATRE DE CONFÉRENCE -A-

PROFIL

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LANGUES

Arabe 

Français 

Anglais 



FORMATION

2020

Batna, Algérie

DIPLÔME DOCTORAT EN INFORMATIQUE

Université Mustafa Ben Boulaid Batna 2

2010

Khenchela, Algérie

DIPLÔME MAGISTER EN INFORMATIQUE

Université Abbes Laghrour- Khenchela

UNIVERSITÉ ABBES LAGHROUR- KHENCHELA

Enseignant chercheur

- Data mining: Association rules. Frequent, generator and closed patterns.
- Soft computing: Swarm intelligence (PSO, CSA), Evolutionary computing.
- Computational biology: Gene regulatory network inference.
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DIRECTION DE L'ÉDUCATION - KHENCHELA

Ingénieur d'état en Informatique

- *2000-2012*

- ➔ M.E.H. Souidi, H. Haouassi, **Makhlouf Ledmi**, T.M Maarouk, and A. Ledmi. A discrete particle swarm optimization coalition formation algorithm for multipursuer multi-evader game. *Journal of Intelligent & Fuzzy Systems*, 44(01):757–773, 2023.
- ➔ M.E.H. Souidi, T.M Maarouk, **Makhlouf Ledmi**, A. Ledmi, and H. Rahab. Multi-pursuer multi-evader games based on dynamic elimination priorities of the dominated strategies. *Journal of Computer and Systems Sciences International*, 62(02):398–411, 2023.
- ➔ **Makhlouf Ledmi**, M.E.H Souidi, M. Hahsler, A. Ledmi, and C. Kara-Mohamed. Mining association rules for classification using frequent generator itemsets in arules package. *International Journal of Data Mining, Modelling and Management*, 15(02):203–221, 2023.
- ➔ **Makhlouf Ledmi**, Samir Zidat, and Aboubekour Hamdi-Cherif. Grafci+ a fast generator-based algorithm for mining frequent closed itemsets. *Knowl and Inf Syst*, 63(2):1873–1908, 2021.
- ➔ **Makhlouf Ledmi**, Hamouma Moumen, Abderrahim Siam, Hichem Haouassi, and Nabil Azizi. A discrete crow search algorithm for mining quantitative association rules. *International Journal of Swarm Intelligence Research (IJSIR)*, 12(4):101–124, October 2021.
- ➔ A. Bekhouche, H. Haouassi, R. Mahdaoui, H. Rahab, and **Makhlouf Ledmi**. Adcsa-wsd: Adapted discrete crow search algorithm for word sense disambiguation. *Revue d’Intelligence Artificielle*, 36(01):131–138, 2022.
- ➔ **Makhlouf Ledmi**, Abdeldjalil Ledmi, and Mohammed El Habib Souidi. Classification of xml documents using semantic resources. In 2021 International Conference on Recent Advances in Mathematics and Informatics (ICRAMI), pages 1–5, 2021.
- ➔ Abdeldjalil Ledmi, **Makhlouf Ledmi**, and Mohammed El Habib Souidi. Fault tolerance in cloud computing: A survey. In 2021 International Conference on Recent Advances in Mathematics and Informatics (ICRAMI), pages 1–6, 2021.

➔ M.E.H. Souidi, **Makhlouf Ledmi**, T.M Maarouk, A. Siam, and A. Ledmi. Multiagent dynamic leader-follower path planning applied to the multi-pursuer multievader game. 2024.

➔ A. Ledmi, **Makhlouf Ledmi**, M.E.H. Souidi, H. Haouassi, and D. Bardou. Optimizing task scheduling in cloud computing using discrete tuna swarm optimization. 2024.

➔ **Makhlouf Ledmi**, M.E.H. Souidi, A. Hamdi-Cherif, A. Ledmi, H. Haouassi, and C. Kara-Mohamed. Metaheuristic gene regulatory networks inference using discrete crow search algorithm and quantitative association rules. 2024.

➔ **Makhlouf Ledmi**, A. Ledmi, M.E.H. Souidi, A. Hamdi-Cherif, , T.M. Maarouk, and C. Kara-Mohamed. High utility itemsets mining integrating an improved crow search algorithm and particle search optimization. 2024.