

CURRICULUM VITAE

CV



Nom et Prénom :

Houari BOUDJELLA

Dernier Diplôme et date d'obtention :

Doctorat es-science 31/05/2021

Spécialité :

Électrotechnique

Grade :

MCB

Fonction :

Enseignant chercheur

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Domaines d'intérêts scientifiques:

Research interest includes power system operation and planning, soft and evolutionary computing, intelligent methods for power system optimization and smart grid planning, FACTS devices.

Indiquer les publications réalisées durant les cinq (05) dernières années :

1. Benyekhlef Laroui, Ahmed Nour El Islam Ayad, Hisham Alharbi, **Houari Boudjella**, Turki E. A. Alharbi, Abdelkader Si Tayeb, Sherif S. M. Ghoneim, Saad A. Mohamed Abdelwahab (2022) «Investigation on New Metaheuristic Algorithms for Solving Dynamic Combined, Economic Environmental Dispatch Problems», *Sustainability (accepted for publication in Mai 2022)*
2. Laroui Benyekhlef, Si Tayeb Abdelkader, **Boudjella Houari**, Ayad Ahmed N.E.I(2021)« Cuckoo Search Algorithm to Solve the Problem of Economic Emission Dispatch with the Incorporation of FACTS Devices Under the Valve-Point Loading Effect », *Facta Universitatis, Series: Electronics and Energetics*. Vol. 34 (4), pp. 569-588.
<https://doi.org/10.2298/FUEE2104569B>
3. **Boudjella Houari**, M. Laouer, H. Bouzeboudja, A.N.E.I Ayad, F. Benhamida, A. Saad. (2021) « Solution of Economic Load Dispatch Problems Using Novel Improved Harmony Search Algorithm », *International Journal on Electrical Engineering and Informatics*, Vol 13, No 1, pp. 218-241.
<https://doi.org/10.15676/ijeei.2021.13.1.13>
4. **Boudjella Houari**, M. Laouer, H. Bouzeboudja, A.N.E.I Ayad, S. Mkattiri, A. Saad. (2019), « Improved Dynamic Harmony Search Optimization for Economic Dispatch Problems with Higher Order Cost Functions », *Universal Journal of Electrical and Electronic Engineering*, vol 6(5), pp. 303-313, Dec.
[https://doi.org/10.13189/ujeee.2019.060501.](https://doi.org/10.13189/ujeee.2019.060501)
5. A.N.E.I Ayad, M. Larab, **Houari. Boudjella**, F. Benhamida. (2019), «

Simulation of Eddy Current and Repulsive Force of Non-Ferrous
Particles in Eddy Current Separator », *Przeglqd Elektrotechniczny*.

<https://doi.org/10.15199/48.2019.06.09>

6. Ayad A.N.E.I., Krika W., **Boudjella Houari.**, Benhamida F., Horch A. (2019), « Simulation of the electromagnetic field in the vicinity of the overhead power transmission line », *European Journal of Electrical Engineering*, vol 21(1), pp. 49-53.
<https://doi.org/10.18280/ejee.210108>
7. **Boudjella Houari**, M. Laouer, H. Bouzeboudja, A. Saad. (2018), « Economic Dispatch Optimization using Improved Dynamic Harmony Search Algorithm », *Majlesi Journal of Mechatronic Systems*, vol 7(1),pp. 1-8.
<http://journals.iaumajlesi.ac.ir/ms/index/index.php/ms/article/view/324>
8. A. N. I. AYAD, A. AYAD, **Houari. Boudjella.** (2018), « Electromagnet Separator of Different Particles », *International Journal of Engineering and Manufacturing*, 5, pp. 22-31.
<https://doi.org/10.5815/ijem.2018.05.03>