



# YASSINE BEDDIAF

CHEF DE SPECIALITE MASTER  
COMMANDE ELECTRIQUE

## PROFIL

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## LANGUES

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Anglais  
Français  
Arabe

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## FORMATION

1994

Batna, Algerie

**DIPLÔME: INGENIEUR D'ETAT**

*Université de Batna*

2005

Khenchela, Algerie

**DIPLÔME: Licence en Droit**

*Université de Batna*

2009

Batna, Algerie

**DIPLÔME: MAGISTER**

*Université de Batna*

2016

Batna, Algerie

**DIPLÔME: DOCTORAT**

*Université de Batna*

2020

Batna, Algerie

**DIPLÔME: HABILITAION UNIVERSITAIRE**

*Université de Batna*

## Antécédents Professionnels

### HOPITAL DE KAIS

1995-2010

CHEF DE SERVICE DE MAINTENANCE

### ENTREPRISE CIDIS . ALGER

2011-2012

Ingénieur chargé de l'installation et la maintenance des équipements radiologique à l'entreprise **HITACHI** représentée par **CIDIS** en algérie

### UNIVERSITE ABBES LAGHROUR KHENCHELA

2012 A CE JOURS

ENSEIGNANT CHERCHEUR

2013-2016 - chef de département génie industriel

## → Articles

- **Y.Beddiaf, F.Zidani, Larbi.Chrifi.Alaoui and S.Drid** « Modified Speed Sensorless Indirect Field-Oriented Control of Induction Motor Drive, » International Journal ,Modeling Identification and control, Vol 25, No 4, ISSN. 1746-6180. 2016.
- **Y.Beddiaf, F.Zidani, Larbi.Chrifi.Alaoui and S.Drid** « Novel speed Sensorless Indirect Field-Oriented Control of Induction Motor using PLL and EKF, » Journal of Electrical Engineering, (ISSN. 1582-4594).2015.
- **Y.Beddiaf, F.Zidani and Larbi.Chrifi.Alaoui** « Robust Speed Sensorless Indirect Field-Oriented Control of Induction Motor Drive using LQR Controller, » International Journal of Sciences and Techniques of automatic control & computer engineering, Vol 9, No1, pp 2013-2019,ISSN: 1737-7749, 2015.
- **B. Yassine, Z. Fatiha and L. Chrifi-Alaoui**, “IS-MRAS With On-Line Adaptation Parameters Based onType-2 Fuzzy LOGIC for Sensorless Control of IM”, Iranian Journal of Electrical and Electronic Engineering, inpress.ISSN: 1735-2827. 2020.
- **AichaMohameden, Mohamed M. Haiballa, Senad M. Mahmoud. Sami Badra, Yassine Beddiaf, Ahmed Dah Memoune, YaghoubDialoo**, “Design and Study of Planar Antennas for Ultra-Wide Band Applications ” Journals/MMEP, Vol 7, No 2, pp 237-241,June,2020.
- **Laggoun Louanasse, Beddiaf Yassine**, “Sensorless Control of Induction Motor Based on Differential Flatness Theory and Reduced MRAS Observer” International Journal of System Dynamics Applications IJSDA, Volume 10, issue 4, 2021

## → Conférences internationales

- **Yassine Beddiaf, Larbi. Chrifi-Alaoui, Fatiha Zidani, Said Drid**“Modified speed sensorless indirect field-oriented control of induction motor using PLL ” 14th international conference on Sciences and Techniques of Automatic control & computer engineering - STA'2014, Hammamet, Tunisia, December 21-23, 2014, STA'2014-PID3369-ASC.
- **Yassine Beddiaf, Fatiha Zidani , Larbi. Chrifi-Alaoui** “New method for speed sensorless indirect field-oriented control of induction motor using PLL ” 15th international conference on Sciences and Techniques of Automatic control & computer engineering - STA'2015, Monastir, Tunisia, December 21-23, 2015, STA'2015-PID3856-RAC
- **Yassine Beddiaf, FatihaZidani, Larbi. Chrifi-Alaoui** “New MRAS Approach for Sensorless control of IM ” 19th international conference on Sciences and Techniques of Automatic control & computer engineering - STA'2019, Sousse, Tunisia, March 24-26, 2019, STA'2019-ACS.
- **Beddiaf Yassine Zidani Fatiha Larbi Chrifi-Alaoui**, "Sensorless Control of Induction Motor by Differential Flatness Theory", Fourth International

Conference on Electrical Engineering and Control Applications ICEECA'2019, held in University of Constantine 1 (Algeria) on December 17-19th, 2019.

- **Khemis Abderrahmane, Beddiaf Yassine, Larbi Chrifi-Alaoui**, "Sensorless Direct Speed Control (DSC) of VR Synchronous Motor Using PLL Technique", **IEEE- 2020International Conference on Control, Automation and Diagnosis (ICCAD'20)**, October7-9, 2020. Paris-France.
- **BeddiafYassine, Laggoun Louanasse**, "Sensorless Speed Control of Synchronous Variable Reluctance Motor drive using DTC and MRAS Observer", 1<sup>st</sup> International Visio Conference on Materials Science and Engineering ICMSE2021, **November 17-18, 2022**. Khenchela-Algeria.