



## Hossein Madadi

Professor

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### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	37

### Papers in Conferences

1. • H. Madadi Kojabadi, L. Chang ,Sensorless PMSM drives with MRAS based adaptive speed estimator ,PESC2006 ,2006, سيول.
2. • H. Madadi Kojabadi, I. Gadoura, M. Ghribi ,IMPLEMENTATION OF DIFFERENT CURRENT-CONTROLLED PWM STRATEGIES FOR VSI ,IFAC, 2005. Pragh, Czech Republic ,2005, براگ.
3. • H. Madadi Kojabadi, I. Gadoura, M. Ghribi ,A simple digital current control for Grid-connected inverters ,Germany, 2005, EPE2005, Germany. ,2005, المان.
4. H. Madadi Kojabadi, and L. Chang, ,Model reference adaptive system pseudoreduced – order flux observer for very low speed and zero speed estimation in sensorless induction motor drives ,IEEE Annual Power Electronics Specialists Conference ,2002, استراليا.

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1. H. Madadi Kojabadi, L. Chang, and R. Doraiswami.A MRAS-Based Pseudoreduced Order Flux Observer for Sensorless Induction Motor Drives.IEEE Transaction on Power Electronics,مجلد ۲۰، شماره، صفحات ۹۳۰-۹۳۸،۲۰۰۵.
2. Mehdi Fallah a, Hossein Madadi Kojabadi a, Ehsan Pashajavid,Compensation of Distortions in the DC-AC Power System Using Modified Vector Control Method-Based VSC Station, Control Eng.,Control Eng. Practic,2021.
3. 43. Mehdi Fallah, Javad Modarresi, Hossein Madadi Kojabadi, Liuchen Chang, Josep M. Guerrero,A modified Indirect Extraction Method for a Single-Phase Shunt Active Power Filter with Smaller DC-link Capacitor Size,Sustainable Energy Technologies and Assessments,,2021.
4. 41. Mohammad Ghaffarpour, Reza Ebrahimi, Hossein Madadi Kojabadi, Liuchen Chang, Josep M. Guerrero,Novel high voltage gain dc–dc converter with dynamic analysis,,IET Power Electronics,2021.
5. H. Fathi, H. Madadi Kojabadi,New control method for VSC-MTDC Stations in the abnormal conditions of power system,Control Eng. Practic,2020.
6. 42. Mana Hoseinzadeh Lish, Reza Ebrahimi, Hossein Madadi Kojabadi, Josep M. Guerrero, Naser Nourani Esfetanaj,Novel high gain DC–DC converter based on coupled inductor and diode capacitor

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8. 39. Reza Ebrahimi, Hossein Madadi Kojabadi, Liuchen Chang, Frede Blaabjerg, Coupled-inductor-based high step-up DC–DC converter, IET Power Electronics, 2019.
9. H. Madadi Kojabadi, R. Ebrahimi, ESmaeili, High boost transformer-based Z-source inverter under continuous input current profile, IET Power Electronics, 2019.
10. M. Abarzadeh, H. Madadi Kojabadi, " A New Boost Switched-Capacitor Multilevel Converter with Reduced Circuit Devices, IEEE Transaction on Power Electronics, 2018.
11. H. Fathi, H. Madadi Kojabadi, Enhanced-boost Z-source inverters with switched Z- impedance, IEEE Transaction on Indus. Electronics, 2018.
12. H. Fathi, H. Madadi Kojabadi, Enhanced-boost Z-source inverters with switched Z- impedance, IEEE Transaction on Indus. Electronics, 2018.
13. H. Madadi, H. Fathi, F. Blubjerg, Experimental and Theoretical Analysis of Trans-Z-Source Inverters with Leakage Inductance Effects, IEEE Transaction on Indus. Electronics, 2017.
14. R. Barzeghar, H. Madadi Kojabadi, E. Zamiri, N. Vosoughi, A Modified Static Ground Power Unit Based On Novel Modular Active Neutral Point Clamped Converter, IEEE Transaction on Indus. Application, 2016.
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16. M. Abarzadeh, H. Madadi Kojabadi, A Static Ground Power Unit Based on Improved Hybrid Active-Neutral-Point-Clamped Converter, IEEE Transaction on Indus. Electronics, 2016.
17. R. Barzegharkhoo, H. Madadi Kojabadi, E. zamiry, N. Vosoughi, L. Chang, Cascaded Multilevel Inverter Using Series Connection of Novel Capacitor-Based Units with Minimum Switch Count, IET Power Electronics, 2016.
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20. 3. H. Madadi Kojabadi, L. Chang, and T. Boutot, A Novel DSP-based Current-Controlled PWM Strategy for Single Phase Grid Connected Inverters", IEEE Transaction on Power Electronics, 2006.
21. H. Madadi Kojabadi, L. Chang, and R. Doraiswami, A Novel DSP-based Current-Controlled PWM Strategy for Single Phase Grid Connected Inverters", IEEE Transaction on Power Electronics, 2006.
22. H. Madadi Kojabadi, L. Chang, and R. Doraiswami, A MRAS-Based Pseudoreduced Order Flux Observer for Sensorless Induction Motor Drives, IEEE Transaction on Power Electronics, 2005.
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