Scientific biography

Profile

Name: Zainab M. Younis Kubba
Date and place of birth: 1-1-1967, Baghdad, Iraq

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Professional qualification

- B.Sc. in General Physics / 1988, College of Science, Baghdad University.
- M. Sc. In Physics (Fiber Optics) / 1996, College of Science, Al-Nahrain University.
  Testing and applications of fiber optics in communication systems and sensors
- Ph.D. in Physics (PV Systems) / 2003, college of science, Al-Nahrain University.
  Computer aided design and implementation of converter circuits applied for photovoltaic system

Thesis which was supervised by:

No.	Thesis title	Year
1	A Computer simulation of two Input DC-DC converter"	2008
2	Pspice Battery Model with Bidirectional Charging Converter	2008
3	Maximum Power Point Tracking approach based on Temperature for PV Surfaces using PSPICE program	2017

Conferences and workshops

No.	Conferences Title	Year	Place	Type of Participation
1	Conf. On Computational Aspect & Their Applications in Elect. Engineering (CATAEE – 96)	1996	Amman	research
2	Proceeding of the first scientific conference	1997	Iraq	research
3	The 1st international conference on physics for sustainable development	2014	Iraq	
4	The third scientific conference for postgraduate students	2016	Iraq	research
5	The scientific conference for postgraduate students	2018	Iraq	
6	The scientific conference for postgraduate students	2019	Iraq	research
7	(Ikc conference) Al-kadhum international conference MAICT	2019	Iraq	research

Some of publications researches

No.	Research title	Name of journal	Year of publication
1	"Computer simulation and design of fiber optics communication"	Conf. On Computational Aspect & Their Applications in Elect. Engineering (CATAEE – 96) Amman – Jordan 23-24 July	1996
2	"Computer aided design and implementation of converter circuits applied for photovoltaic system".	Journal of Engineering, Vol.14(4), December pp.2990-3000	2008
3	"PSPICE model of the PV panel"	Journal of AL-Nahrain University-Science, VOL.12(3), September, pp.51-55.	2009
4	"Design and simulating two input converter and testing the PV panel PSPICE model"	Journal of AL-Nahrain University-Science, VOL.13 (2), June, pp.1-7.	2010
5	"Measuring the effect of cell mismatch on PSPICE module model"	Baghdad Science Journal Vol.7(3)September, p.1244-1249	2010
6	"Simulation and design of Lead Acid PSPICE Battery model with bidirectional converter"	Journal of AL-Nahrain University-Science, VOL.14 (1), March, pp.98-108.	2011

7	"Analysis of Partially Shaded PSPICE - PV Modules for Series- Parallel and TCT Configuration"	Journal of AL-Nahrain University-Science, VOL. (16)4, December, , pp. 94-100	2013
8	Photovoltaic panel properties under different surface temperature	international journal of trend in research and development vol. 4(1)	2017
9	PSPICE Simulation For A Solar Panel To Understand Shading Effects	*IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) Volume 13, Issue 4 Ver. III (Jul. – Aug. 2018), PP 22-26*	2018
10	Maximum power point approach based on temperature for PV surface using PSPICE program	Journal of AL-Nahrain University-Science,VOL. (21)4, December,2018 , pp. 38-45	2018

المواقع الالكترونية الاكاديمية الخاصة بالباحث .

N0.	Website name	Link
1	Research gate	http://WWW.researchgatr.net/profile/Zainab_Kubba/scores
2	Google scholar	http://scholar.google.com/citations?user=Bcu5M7UAAAAJ&hl=ar