



















- [6] Mohammed A. Elgendy, Bashar Zahawi, and David J. Atkinson, "Comparison of Directly Connected and Constant Voltage Controlled Photovoltaic Pumping Systems" IEEE TRANSACTIONS ON SUSTAINABLE ENERGY, VOL. 1, NO. 3, OCTOBER 2010
- [7] Chun-Liang Liu, Jing-Hsiao Chen, Yi-Hua Liu and Zong-Zhen Yang, "An Asymmetrical Fuzzy-Logic-Control-Based MPPT Algorithm for Photovoltaic Systems" *Energies* **2014**, 7, 2177-2193; doi:10.3390/en7042177.  
<http://dx.doi.org/10.3390/en7042177>
- [8] S. Sheik Mohammed, D. Devaraj, "Simulation and Analysis of Stand-alone Photovoltaic System with Boost Converter using MATLAB/Simulink" Proceedings of IEEE International Conference on Circuits, Power and Computing Technologies, March 2014.
- [9] Po-Wa Lee, Yim-Shu Lee, David K. W. Cheng, and Xiu-Cheng Liu, "Steady-State Analysis of an Interleaved Boost Converter with Coupled Inductors" IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, VOL. 47, NO. 4, AUGUST 2000

## 8. Bibliography



**S. Sheik Mohammed** is faculty of College of Engineering, Dhofar University, Salalah, Sultanate of Oman. He is having more than 8 years of experience in teaching. He received his M.E, in Power Electronics and Drives from Bannari Amman Inst. of Tech, Tamilnadu, India. He has published many papers in Int. Journals and Conferences. He is currently pursuing his PhD in the area of solar power converters.



Dr. D. Devaraj is Sr. Professor & Head of Computer Science and Engineering in Kalasalingam University, Srivilliputhur, India. He is having more than 18 years of teaching and research experience. He has received M.E. degree in Power System Engineering from Thiagarajar College of Engg., Madurai, India in 1994. He obtained PhD in Electrical Engineering from IIT Madras, Chennai, India in the year 2001. He has published more than 20 papers in National and Int. Journals, more than 60 papers in National and Int. conferences. His current research interest includes Power system security, Power System Optimization, Power Quality, Intelligent Control and Evolutionary Computing.