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Personal Information	▪ Marital status: Married. ▪ Nationality: Palestinian. ▪ Barth day: 17/5/1979. ▪ Place of Birth: Idhna.		
Education	2018	Uni-Paris Saclay (Uni-Paris Sud XI) PhD. Control of Power converters-Renewable energy systems	France
	2014	Uni-Kassel & Cairo University M.Sc. Renewable Energy and Energy Efficiency	Germany & Egypt
	2003	Palestine Polytechnic University Bachelor of Mechatronics Eng.	Palestine
	1998	Idhna secondary school Scientific stream	Palestine
Professional experience	1. 2018 till now, assistant professor at mechanical department- Palestine Polytechnic University (PPU) 2. 2015,October till 2018 PhD student in Paris Saclay University(Paris sud 11) 3. June,2014 to December 2014, Master thesis internship in European Distributed Energy Resources Laboratories e. V. (DERLab) 4. From September 2007 to 2015, Supervisor of Computer Controlled Systems Lab in (PPU). 5. From 2005 to end of 2007, teaching assistant in PPU. 6. Design and supervising the electrical drawing of the PPU's Buildings (C building ,B+ building and A+ Building). 7. 600 hour as part time at PPU in architecture drawing. 8. One year, technology and mathematics teacher at schools 9. More than 12 years work (Buildings power distribution and illumination, Telephone Hubs, Warning systems, Fire fighting systems, Design and installation control panels) . 10. One month at CAT Company. 11. One month work at PPU in planning and developing section.		
PhD Thesis	**Control of Multicellular Power Converters for Microgrids and Renewable Energies Applications**. The thesis aims to establish different mode of control of interleaved multicell DC-DC converters. The common point of these methods is to control the external quantities at the output of the converter but also the internal quantities, constituted by the circulating currents between parallel cells or in other words the differential currents. Three main strategies are investigated: the first one uses classical linear controllers with different decoupling technics and focuses on the robustness regarding the system parameters variations. The second one uses a Model Predictive Control technic, which is designed to provide a fix switching frequency and interleaving of the cells PWM commands. The last one presents a space vector direct control of the differential currents based on MPC.		

Master Thesis	**Energy Management Modeling and control of HVAC system in smart grid environment**. Develop and analyze the Model Predictive controller (MPC) to minimize the energy consumption of HVAC systems (VAV). At the same time, the different input parameters will be taken into account, not only the desired room temperature set point, but also solar radiation , energy price, outdoor temperature and room occupancy, also it is cut the peak during the peak time
Graduation Project	**Computer-Controlled Active Suspension System supervised** by the dean of the college of Engineering and Technology Prof. Karim Tahboub and got the best mark in the department (95%) in that year.
Publications	K. Tamizi, O. Béthoux, and E. Labouré, "An easy to implement and robust design control method dedicated to multi-cell converters using inter cell transformers," Math. Comput. Simul., vol. 167, 2020. K. Tamizi, "Control of multicellular power converters for microgrids and renewable energies applications." PhD diss., Université Paris-Saclay, 2018 K. Tamizi, Energy saving of HVAC Systems by Using Model Predictive Control (MPC). LAP Lambert Academic Publishing, 2018.
Skills	Microsoft Word, Excel, Power point, C language, G-code, Computer software and hardware maintenance, Graphics and multimedia programs (3d Max, Flash, Photoshop, Ulead media studio…ect) CAM/CAD, MatLab, SIMULINK, Katia, Autodesk vis , LabVIEW ,PIC programming (18Fxxxx), Arduino, bed(LPC1768), PSoC , programming difference types of PLC and Touch-screen, SCADA, XPC targets with DAQ and DSP cards(C2000 and C6000),programming FPGA by matlabe, Building management Systems (BMS-KNXS/EIBus), Energy Building Modeling (by using eQUEST),Renewable energy systems (Solar systems, wind system Bio Gas …),control systems, Power converter and AutoCAD.
Additional Courses and Workshop	1. Summer school **Energy management and Fell Cell Systems (EMFCS),**France July 4-6,2017 2. 18th edition of European PhD School **Power Electronics, Electrical Machines, Energy Control and Power Systems,** Italy May 22-26, 2017 3. International Summer School on **Hybrid Microgrids (2016), Pavia – Palazzo,** Italy July 11-15, 2016 4. International DAAD Alumni "Applied Solar Technology in Developing Countries", by **DAAD , the University of Kassel and DITSL** in Germany (two weeks) 5. Workshop (Building Management Systems -BMS) by the **Jordan Engineers Association** in Jordan . (one intensive week) 6. Summer school (Power, Analysis, Modeling, Design and Optimization at Nano-Scale) by **the Jordan University of Science and Technology (JUST)** (one intensive week) 7. Workshop (DSP&P) by the **IUT Cachan** in France at PPU Hebron (one intensive week) 8. Workshop (Renewable Energy Systems) by Koln hands craft chamber, Germany in Koln (Two intensive week) 9. Workshop (DSP) by the **IUT Cachan** in France at PTC Khadoury (one intensive week) 10. Summer school**,** Programmable System on Chip (PSoC) **,HIAST**

	institute, Syria (ten intensive days)
	11. Training course (Industrial Automation and Control) , **IUT Cachan, Paris** (40 days).
	12. Workshop (Networking PLCs and Supervision) by the **IUT Cachan** in France in PTC Khadoury(one intensive week)
	13. Summer school**,** Virtual Instrumentation using LabVIEW. Application to system command and supervision ,**Ballamand university(Lebanon**) (ten intensive days)
	14. Workshop (Project Pedagogy Approach of Microcontroller) by the **IUT Cachan** in France in PTC Khadoury(one intensive week)
	15. Summer school (MECMIC06) in Mechatronics and Microsystems by Technischen **Universität Braunschweig in Germany** (two intensive weeks)
Languages	• Arabic • English • German (A1) • French (A1)
Member of	1. Jordan Engineers Association Reg.# 3/12485 2. Engineers Association-Hebron Center 3. General Union of Electricity Sector Workers in Palestine Reg.#HE/3PH/422A 4. Renewable Energy and Environment Research (REERU) at PPU 5. 3Econsult 6. GIZ consultant in Palestine for (Technical and Vocational Education and Training –TVET) for smart building and HVAC system
References	Prof. Kareem Tahboub Hebron tahboub@ppu.edu Prof. Eric Laboure Paris eric.laboure@centralesupelec.fr Dr. Yousef Al_Souety Dora yousefs@ppu.edu
Volunteer experience	Testing water pollution with UNDP. A member in many clubs in university.
Awards received	• French Government scholarship for a PhD degree in France • DAAD scholarship for a master degree (M.Sc.) in Germany • Certificate of award every semester of Bachelor degree.