

Books and Book Chapters

1. Osama A. Mohammed, and Ahmed T. Elsayed, "Meta-Heuristic Techniques for Optimal Selection of Distribution System Architecture ", Chapter 5 in "Applications of Modern Heuristic Optimization Methods in Power and Energy Systems, Wiley: New York, April 2020, ISBN: 978-1-119-60231-6 (E-Book), ISBN: 978-1-119-60229-3.
2. Osama A. Mohammed, Tarek A. Youssef, Mehmet H. Cintuglu, and Ahmed T. Elsayed, "Chapter 12: Design and simulation issues for secure power networks as resilient smart grid infrastructure" from the book "Smart Energy Grid Engineering" ELSEVIER, October 2016.
3. Mohammed, O. A. and Barzegaran, M. R. "Computational Electromagnetics for the Evaluation of EMC Issues in Multi Component Energy Systems," Book Chapter, Artech House, March 2015.
4. M. Amin and O. A. Mohammed "Modern Technologies in Energy Efficiency Improvement – Design, Control, Implementation, and Applications", (309 Pages) Scholar Press, 2013
5. Mohammed, O. A. (41 Pages) Section 8 in Standard Handbook for Electrical Engineers, 15th Edition, McGraw-Hill, Edited by Wayne Beaty and Donald Fink, 2007 and the 16th edition, 2012.
6. Mohammed, O. A., (53 pages) Book Chapter entitled " Optimal Design of magnetostatic Devices: the genetic Algorithm Approach and System Optimization Strategies," in the Book entitled: Electromagnetic Optimization by Genetic Algorithms, Edited by Yahya-Rahmat Samii and Eric Michielssen, John Wiley & Sons, ISBN 0-471-29545-0, 1999.
7. Mohammed, O. A., Editor, "Digests of the 12th Biennial Conference on Electromagnetics Field Computation, IEEE CEFC 2006," ISBN 1-4244-0319-7, May 2006.
8. Mohammed, O. A., and Tomsovic, K., (Editors), "Proceedings of the International Conference on Intelligent Systems Applications to Power Systems," ISBN 0-7803-3115-X, January 1996.
9. Mohammed, O. A., (Editor), "Proceedings of the Fourth International TEAM Workshop," ISBN 1-884342-02-1, March 1994.
10. Mohammed, O. A., (Editor and Conference Chairman), "Record of the 9th Compumag Conference on the Computation of Electromagnetic Fields," ISBN 1- 884342-01-9, October 1993.
11. Mohammed. O. A. (Editor and Conference Chairman), "Proceedings of the 1994 IEEE Southeastcon'94," ISBN 0-7803-1797-1, April 1994.