

Book Chapter

1. M. N. O. Sadiku and O. D. Momoh, "Local Area Networks," to appear in Barney Warf (ed.), *The SAGE Encyclopedia of the Internet*, SAGE Publications, 2017.
2. M. N. O. Sadiku and O. D. Momoh, "Firewalls," to appear in Barney Warf (ed.), *The SAGE Encyclopedia of the Internet*, SAGE Publications, 2017.
3. **O. D. Momoh**, "Nine-Phase Squirrel Cage Induction Machine: Sustainable Energy Applications," *Renewable Energy Title of Encyclopedia of Energy Engineering and Technology (EEE)*, Taylor & Francis (CRC Press), September 26, 2013, pp 1-22.

Published Peer-Reviewed Journal Articles

4. **O. D. Momoh**, Modeling and Simulation of a Carrier-based PWM Voltage Source Inverter for a Nine Phase Induction Machine Drive," *International Journal of Power and Energy Conversion*, vol. 6, no 2, 2015, pp. 128-147.
5. **O. D. Momoh**, M. N. O. Sadiku, and S. M. Musa, "Solution of Axisymmetric Potential Problem in Oblate Spheroid Using the Exodus Method," *Journal of Computational Engineering*, vol. 2014, Article ID 126905, 6 pages.
6. M. N. O. Sadiku, S. M. Musa, and **O. D. Momoh**, "Cloud Computing: Opportunities and Challenges," *IEEE Potentials*, vol. 33, issue 1, 2014, pp. 34-36.
7. M. N. O. Sadiku, S. M. Musa, and **O. D. Momoh**, "Free Space Optical Communications: An Overview," *International Journal of Engineering Research and Applications*, vol. 3, issue 6, 2013, pp. 1-5.
8. **O. D. Momoh**, Dynamic Simulation of Squirrel Cage Induction Machine – A Simplified and Modular Approach," *International Journal of Engineering Research & Technology (IJERT)*, vol. 2, issue 11, Nov. 2013.
9. M. O. Omoigui, **O. D. Momoh**, and V. Sivan, "Investigation of the Dynamic Characteristics of a Doubly-Fed Wound Rotor Induction Generator Model," *Journal of Engineering Research*, vol. 16, no. 3, September 2011, pp. 1-12.
10. **O. D. Momoh**, M. N. O. Sadiku, and C. M. Akujuobi, "Numerical Method of Solving Singularity Problems on Potential Computation in Spheroidal Systems," *IEEE Transaction on Magnetics*, vol. 47, no 5, pp.1454-1457, May, 2011.
11. **O. D. Momoh**, M. N. O. Sadiku, and C. M. Akujuobi, "Potential Distribution Computation in Conducting Prolate Spheroidal Shells Using the Exodus Method," *IEEE Transaction on Magnetics*, vol. 47, no. 5, pp. 1426-1429, May, 2011.
12. **O. D. Momoh**, M. N. O. Sadiku, and C. M. Akujuobi, "Analytical and numerical computations of prolate spheroidal shell capacitance," *Microwave and Optical Technology Letters*, vol. 51, no. 10, Oct., 2009, pp. 2361-2365.
13. **O. D. Momoh**, and M. N. O. Sadiku, "An easy approach to numerical computation of spherical shell capacitance using finite difference method," *International Review of Modeling and Simulation*, vol. 2, no. 2, April 2009, pp. 196-200.

Published Peer-Reviewed Conference Papers

1. S. R. Hussain, A. Eroglu and **O. D. Momoh**, "Design of a Dual Band DC-RF Energy Harvester, Proceedings of Progress In Electromagnetics Research Symposium (PIERS), Singapore, 19-22 November, 2017
2. **O. D. Momoh**, A. J. Deventer, and N. R. Beemer "Laboratory Development for Electrical Power & Control Course," Proceedings of 122nd ASEE Annual Conference & Exposition, Seattle, Washington, Paper ID# 11477, June 14-17, 2015

3. **O. D. Momoh**, "Performance Evaluation of Delta Connected 9-Phase Induction Machine for Electric Propulsion Application." *2015 IEEE Electric Ship Technologies Symposium on Emerging Technologies for Future Electric Ships*, Old Town Alexandria, Virginia, 21-24 June, 2015.
4. **O. D. Momoh**, "Developing a Renewable Energy Technology Course for a Master of Technology (MTECH) Program," Proceedings of 121st ASEE Annual Conference & Exposition, Indianapolis, Paper ID #9028, June 15-18, 2014. *The paper was among the eight papers nominated for the best paper award in the Energy Conversion and Conservation (ECC) Division of ASEE*
5. **O. D. Momoh**, M. N. O. Sadiku, and S. M. Musa, "Finite Difference Analysis of Time-dependent Spherical Problems." *2013 45th IEEE SoutheastCon*, Orlando, FL, April 4-7, 2013, pp. 1-4.
6. A. Gautam, O. Ojo, M. Ramezani, and **O. D. Momoh**, "Computation of equivalent circuit parameters of nine-phase induction motor in different operating modes," *2012 IEEE Energy Conversion Congress and Exposition (ECCE)*, Raleigh, NC, Sept. 15-20, 2012.
7. S. M. Musa, M. N. O. Sadiku, and **O. D. Momoh**, "Finite element method for calculating capacitance and inductance of symmetrical coupled micro-strip lines," *Proc. 2012 IEEE SoutheastCon*, Orlando, FL, March 15-18, 2012, pp. 1-4.
8. **O. D. Momoh**, "Dynamic Simulation of Cage Rotor Induction Machine-A Simplified and Modular Approach," *2012 44th IEEE Southeastern Symposium on System Theory (SSST)*, Jacksonville, FL, March 11-13, 2012, pp. 200-203.
9. **O. D. Momoh**, S. J. Loeffler, N. J. Dykhuizen, I. Hack, and G. D. Steffen, "LabVIEW Based Automatic Paralleling of Synchronous Generator System," *2012 IEEE Southeastern Symposium on System Theory (SSST)*, Jacksonville, FL, March 11-13, 2012, pp. 204-208.
10. S. M. Musa, M. N. O. Sadiku, and **O. D. Momoh**, "Accurate parameters extraction of multiconductor transmission lines in multilayer dielectric media," Proceedings of the COMSOL Conference, Boston, Oct. 2011.
11. **O. D. Momoh**, M. N. O. Sadiku, and S. M. Musa, "A fixed random walk Monte Carlo computation of potential inside two conducting oblate spheroidal shells," *IEEE SoutheastCon 2011*, March 17-20, 2011, Nashville, Tennessee.
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13. S. M. Musa, M. N. O. Sadiku, and **O. D. Momoh**, "Analysis of multiconductor Quasi-TEM transmission lines and multimode waveguide" *2010 COMSOL Conference*, Boston, MA, USA, October 7-9, 2010
14. **O. D. Momoh**, M. N. O. Sadiku, and C. M. Akujobi, "Numerical method of solving singularity problems on potential computation in spheroidal systems," 14th Biennial IEEE Conference on Electromagnetic Field Computation (CEFC 2010), May 9-12, Chicago, IL, USA, 19P2, pp. 1, 9-12 May 2010
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23. O. A. Komolafe, M. O. Omoigui, and **A. Momoh (my former name)**, "Reliability investigation of the Nigerian Electricity Power Authority (NEPA) transmission network in a deregulated environment," *Proc. 38th IEEE/IAS Annual Conference*, Salt Lake City, vol. 2, Oct., 2003, pp. 1328-1331.