

PUBLICATIONS & KEY PRESENTATIONS

Books

1. M.O. Sadiku and **Cajetan M. Akujuobi**, “**Fundamentals of Computer Networks**”, Publisher: Springer, ISBN: 978-3-030-87527-5; September 2022.
2. M.O. Sadiku and **Cajetan. M. Akujuobi**, “**Solutions Manual for Fundamentals of Computer Networks**”, Publisher: Springer, September 2022.
3. **C. M. Akujuobi**, “**Wavelets and Wavelet Transform Systems and Their Applications: A Digital Signal Processing Approach**”, Publisher Springer, ISBN: 978-3-031-09416-3; 2022.
4. **C. M. Akujuobi**, “**Solution Manual on Wavelets and Wavelet Transform Systems and Their Applications: A Digital Signal Processing Approach.**” Publisher Springer, January 2022.
5. **C. M. Akujuobi**, Manuscript of Book on “Computer-Based Algorithms and Programs for Wavelet-Based Signal Processing and Applications Using MATLAB™” (**In Preparation**).
6. **C. M. Akujuobi** and M. O. Sadiku, “**Introduction to Broadband Communication Systems**”, Pub. Chapman & Hall/CRC and Sci-Tech Publication, Boca Raton, Florida, 2008.
7. **C. M. Akujuobi** and M. O. Sadiku, “**Solution Manual for Introduction to Broadband Communication Systems**”, Pub. Chapman & Hall/CRC and Sci-Tech Publication, Boca Raton, Florida, 2008.

Invited Published Book Chapters

1. N.K. Ampah, and **C. M. Akujuobi**, “An Auto-reclosing Based Intrusion Detection Technique for Enterprise Networks”, Chapter 17, in *Handbook of Research on Emerging Developments in Data Privacy*, Editor: Manish Gupta, Publisher: IGI Global, May 2015.
2. **Akujuobi, Cajetan M.** “Nanotechnology Applications in Biomedical Engineering.” In *Handbook of Research on Diverse Applications of Nanotechnology in Biomedicine, Chemistry, and Engineering*, ed. Shivani Soni, Amandeep Salhotra and Mrutyunjay Suar, Publisher: IGI Global, Chapter 4, 50-63 (2015), accessed March 21, 2015. Doi:10.4018/978-1-4666-6363-3.ch004.
3. **Cajetan M. Akujuobi**, “Nanotechnology Safety in the Electronics & Telecommunication Industries”, **Chap. 11**, *Nanotechnology Safety in Education*, Editor, R. Asmatulu, Elsevier Pub., June 2013, pp.141-159.
4. Ampah, N. K. and **Akujuobi, C. M.**, “Protecting Enterprise Networks: An Intrusion Detection Technique Based on Auto-reclosing”, Published in *Privacy, Intrusion Detection and Response: Technologies for Protecting Networks*, Editor: Peyman Kabiri, Publisher: IGI Global, Jan. 2012.
5. Ampah, N. K. and **Akujuobi, C. M.**, “An Intrusion Detection Technique Based on Discrete Binary Communication Channels”, *Editor: Ana Nikolic*, Publisher: *INTECH*, No. 7149, Dec. 2010.
6. **Cajetan M. Akujuobi** and Jie Shen, “Efficient Multi-User Parallel Greedy Bit-Loading Algorithm with Fairness Control for DMT Systems”, Chapter 7, in *Advances in Greedy Algorithms*, Editor: Witold Bednorz, Pub. Intechweb.org, I-Tech Education and Publishing KG, Vienna, Austria, p.103-130, November 2008.

7. **Akujuobi, C. M.** and Ampah, N. K. “Telecommunications Security Management for Business Enterprises”, *Handbook of Research on Telecommunications Planning and Management*, Editor: In Lee, Publisher: IGI Global, August 2008, p.760 -774.
8. Matthew N.O. Sadiku and **Cajetan M. Akujuobi**, Chapter 14 – Computer Networks, “Computers, Software Engineering, and Digital Devices; in The Electrical Engineering Handbook, 3rd ed., Edited by Richard C. Doff, CRC, 2006, pp.14.1-14.18.
9. M. N. O. Sadiku and **C. M. Akujuobi**, “Electromagnetics”, **an Invited Book Chapter** to The Engineering Handbook, in C. Dorf (ed.), 2nd Edition, CRC Press, chap. 114, pg.1-9, 2005.
10. **C. M. Akujuobi** and A. Z. Baraniecki, “A Comparative Analysis of Wavelets and Fractals,” **an Invited Book Chapter** to the 2D and 3D Digital Signal Processing Techniques and Applications, Control and Dynamic Systems Series, ed. C. T. Leondes, vol. 67, Academic Press, Inc., San Diego, pg. 143-197, 1994.

Journal Papers Published or Submitted for Publication

1. Yuzhong Yan and **Cajetan M. Akujuobi**, “A Review of Graph Signal Processing with Neural Networks”, the International Journal of Circuits, Systems and Signal Processing, E-ISSN: 1998-4464, Volume 16, Art. #91, DOI: 10.46300/9106.2022.16.91, Vol. 16, p.741-746, 2022,
2. Kelechi G. Eze and **Cajetan M. Akujuobi**, “Design and Evaluation of a Distributed Security Framework for the Internet of Things”, Journal of Signal and Information Processing, Vol. 13, *-*. https://doi.org/10.4236/**.2022.*****, 2022.
3. Lucy Nwosu and **Cajetan M. Akujuobi**, “Engineering Solutions in the Era of COVID-19 Choosing a CNN Architecture for a Computer-Based Covid-19 Diagnosis”, Journal of Electronics and Telecommunication Engineering, Pub.: Stechnolock, www.stechnolock.com, Vol. 1, Issue 1, pp. 1-11, 2021.
4. Kelechi Eze, **Cajetan M. Akujuobi**, Shermar Hunter, Shumon Alam, Sarhan Musa and Justin Foreman, “System-Wide Security for the Internet of Things: A Blockchain Approach”, IEEE Journal, Submitted April 5, 2021.
5. **Cajetan M. Akujuobi**, “Nanotechnology: An Overview of the Current Status of its Roles in the Era of COVID-19”, Vid. Proc. Adv. Mater., Volume 1, Article ID 2020-0822 (2020), DOI: 10.5185/vpoam.2020.0822, Publication Date (Web): 02 Nov 2020.
6. Kelechi Eze and **Cajetan M. Akujuobi**, "Design and Evaluation of a Distributed Security Framework for the Internet of Things", IEEE Internet of Things Journal, manuscript ID is IoT-13037-2020, Submitted Aug. 07, 2020.
7. Ekele A. Asonye, Sarhan M. Musa, **Cajetan M. Akujuobi**, Matthew N. O. Sadiku, and Justin Foreman, “Realizing an IoT-Based Home Area Network Model Using ZigBee in the Global Environment”, International Journal of Computing and Digital Systems, Int. J. Com. Dig. Sys., ISSN (2210-142X), <http://journals.uob.edu.bh>, 2020.
8. Kelechi G. Eze, **Cajetan M. Akujuobi**, Matthew N.O. Sadiku, Mohamed Chouikha and Shumon Alam, “Internet of Things and Blockchain Integration: Use Cases and Implementation Challenges”, W. Abramowicz and R. Corchuelo (Eds.): BIS 2019 Workshops, LNBIP 373, Springer Nature Switzerland AG 2019, pp. 287-298, 2019. <https://doi.org/10.1007/978-3-030-36691-9-25>.
9. Pankaj Chhetri, **Cajetan M. Akujuobi**, Matthew N.O. Sadiku, Smriti Bhatt, Paras Bhatt, “Wavelet Application to the Internet of Things: A Smart Parking System”, Journal of Scientific and Engineering Research (JSERBR), 2018, 5(11):80-89. ISSN: 2394-2630. Available online www.jsaer.com.
10. Kelechi G. Eze, **Cajetan M. Akujuobi**, Matthew N.O. Sadiku, Pankaj Chhetri, “An Approach to Changing Ransomware Threat Landscape”, Journal of Scientific and Engineering Research (JSERBR), 2018, 5(9):68-74. Available online www.jsaer.com.

11. Chunhua Feng and **Cajetan M. Akujuobi**, "Partial periodic oscillation: an interesting phenomenon for a system of three coupled unbalanced damped duffing oscillators with delays", *Electronic Journal of Qualitative Theory of Differential Equations*, 2018, No. 86, 1–16; <https://doi.org/10.14232/ejqtde.2018.1.86> www.math.u-szeged.hu/ejqtde/ , Oct.9, 2018.
12. Emad A. Awada and **Cajetan M. Akujuobi**, "A Wavelet-Based ADC/DAC Differential Nonlinearity Measurement Analysis", *Journal of Engineering and Applied Sciences* 13 (16): 398-405, 2018 ISSN: 1816-949X © Medwell Journals, 2018.
13. Emad A. Awada and **Cajetan M. Akujuobi**, ADC Testing Algorithm for ENOB by Wavelet Transform Using LabView Measurements and MATLAB Simulations", *Journal of Engineering and Applied Sciences* 13 (16): 6668-6679, 2018 ISSN: 1816-949X © Medwell Journals, 2018.
14. **Cajetan M. Akujuobi** and Basil A. Kandah (2018) Noise removal of ECG signals using discrete wavelet transform, *Frontiers in Science, Technology, Engineering and Mathematics*, Volume 2, Issue 1, 2018.
15. S. M. Musa, J. Shepard, and **C. M. Akujuobi**, "Nonconventional Network Security Measures for Intrusion Detection", *International Journal of Advances in Scientific Research and Engineering (IJASRE)*, Vol 3, No. 9, pp. 48-58, October 2017.
16. M. Sadiku, S. Alam, S. Musa, and **C. Akujuobi**, "A Primer On Cyber Security," *International Journal of Advances in Scientific Research and Engineering (IJASRE)*, vol. 3, no. 8, Sep 2017.
17. Oduola, W. and **Akujuobi, C.** (August 2017) Wavelet Transform for Image Compression Using Multi-Resolution Analytics: Application to Wireless Sensors Data. *Advances in Pure Mathematics*, Vol.7, No. 8, pp. 430-440, doi: [10.4236/apm.2017.78028](https://doi.org/10.4236/apm.2017.78028).
18. Matthew N. O. Sadiku, Adebowale E. Shadare, Sarhan M. Musa, and **Cajetan M. Akujuobi**, "Cyberterrorism", *Journal of Multidisciplinary Engineering Science and Technology (JMEST)* ISSN: 2458-9403 ,Vol. 3 Issue 12, pp. 6269-6271, December – 2016.
19. Matthew N. O. Sadiku, Adebowale E. Shadare, Sarhan M. Musa, and **Cajetan M. Akujuobi**, "Data Visualization", *International Journal of Engineering Research and Advanced Technology (IJERAT)* ISSN: 2454-6135 ,Vol. 02 Issue 12, pp. 11-15, December – 2016.
20. Ashley S. Kelsey and **Cajetan M. Akujuobi**, "An Advanced Multilevel Security System: A Comparative Steganographic Idea Using Discrete Wavelet Transform", *Journal of Cyber-Security and Information Systems (JCSIS)*, In Review for Publication, August 2016.
21. Ashley S. Kelsey and **Cajetan M. Akujuobi**, "A Discrete Wavelet Transform Approach for Enhanced Security in Image Steganography", *International Journal of Cyber-Security and Digital Forensics (IJCSDF)*, Vol. 5, No.1, pp. 10-20, 2016.
22. Ajuzie, A.N.; Zhang, Y.; Annamalai, A.; and **Akujuobi, C.M.**, "Time Delay Compensation for SISO NCS Using Digital Redesign Technique", *Science & Technology Africa*, August 2012.
Hou HJM, Gunn KS, Wu H, **Akujuobi C.**, "Microbial forensics: An emerging field and a national need". *Air Water Borne Dis*, 1:e107, doi:10.4172/awbd.1000e107., April 2012.
23. Nana K. Ampah, **Cajetan M. Akujuobi**, Matthew N. O. Sadiku, and Shumon Alam, "An Intrusion Detection Technique Based on Continuous Binary Communication Channels", *International Journal on Security and Networks*, Publisher: *Inderscience Enterprises Ltd.*, Vol. 6, Nos. 2/3, pp. 174-180, 2011.
24. Omonowo David Momoh, Matthew N.O. Sadiku, and **Cajetan M. Akujuobi**, "Numerical Method of Solving Singularity Problems on Potential Computation in Spheroidal Systems", *IEEE Transactions on Magnetics*, Vol. 47, No. 5, pp. 1454-1457, May 2011.
25. O. D. Momoh, M.N.O. Sadiku, and **C.M. Akujuobi**, "Potential Distribution Computation in Conducting Prolate Spheroidal Shells Using the Exodus Method", *IEEE Transactions on Magnetics*, Vol. 47, No. 5, pp. 1426-1429, May 2011.
26. A. Ajuzie, Y. Zhang, J. Zhang, A. Annamalai, and **C. Akujuobi**, "Real-Time Digital Controller and Observer-Based Delay Compensation using Digital Redesign", *International Review of Automatic Control*, Vol. 1, No. 3, 2011.

27. Y. Zhang, P. Cofie, A. Ajuzie, J. Zhang and **C. Akujuobi**, “Real-Time Random Delay Compensation with Prediction-Based Digital Redesign”, *ISA Transactions*, Vol. 50, pp. 207-212, 2011.
28. Yongpeng Zhang, Penrose Cofie, Augustine Ajuzie, Jian Zhang, **Cajetan M. Akujuobi**, “Real-Time Random Delay Compensation with Prediction-based Digital Redesign”, Elsevier ISA Transactions, manuscript No. ISATRANS-D10-00143R1, Accepted for Publications Nov. 23, 2010.
29. Emad Awada, **Cajetan M. Akujuobi** and Matthew N. O. Sadiku, “A Reduced-Coded Linearity Test for DAC Using Wavelet Analysis”, *International Journal of Engineering Research & Innovation*, Vol. 2, No. 1, Spring/Summer 2010, p. 69-76.
30. Y. Wang, S. Cui, J. Lian, Y. Yang, and **C. M. Akujuobi**, “Image Completion in Redundant Wavelet Domain,” in *Proceedings of the 2009 International Conference on Image Processing, Computer Vision, & pattern Recognition*, Las Vegas, Nevada, July 2009.
31. Olusegun O. Odejide, **Cajetan M. Akujuobi**, Annamalai A. Annamalai and Gerald L. Fudge, “Determination of Best Sparsifying Basis for Compressive Sampling”, *International Review of Electrical Engineering (IREE)*, Vol. 4, No. 2, March – April 2009, p.327-335.
32. Y. Wang, S. Cui, J. Lian, Y. Yang, and **C. M. Akujuobi**, “Image Object Removal in Redundant Wavelet Transform Domain,” in *Proceedings of SPIE-IS&T Electronic Imaging*, San Jose, CA, January 2009, Vol. 7245, pp. 72450C-1 to 72450C-8.
33. Y. Wang, S. Cui, J. Lian, Y. Yang, and **C. M. Akujuobi**, “Perceptual Masking Video Watermarking in 3D-RDWT Domain,” in *Proceedings of the 2008 International Conference on Image Processing, Computer Vision, & pattern Recognition*, Las Vegas, Nevada, July 2008, Vol. 1, pp.112-116.
34. **Cajetan M. Akujuobi** and Emad Awada, “Wavelet-Based ADC Testing Automation Using LabView”, *International Review of Electrical Engineering (IREE)*, Vol. 3, No. 5, September – October 2008, p.922-930.
35. M.C. Ndinechi, G.A. Chukwudebe, and **C. M. Akujuobi**, “Predictive Modeling for Energy Conservation in Wireless Sensor Networks”, *Journal of Engineering and Applied Sciences*, Pakistan, Vol. 3, No. 11, 2008, pp. 893-904.
36. M. C. Ndinechi, J. I. Ejimanya, **C. M. Akujuobi**, “Predictive modeling for the determination of wireless sensor network reliability”. *Asian Journal of Info. Technology*, 6(3):, Medwell Journals, 2007, pp. 396 – 401.
37. M. N. O. Sadiku, **C.M. Akujuobi**, S.M. Musa, and S. R. Nelatury, “Analysis of time-dependent cylindrical problems using Monte Carlo,” *Microwave and Optical Technology Letters*, vol. 49, no. 10, Oct. 2007, pp. 2571-2573.
38. **C. M. Akujuobi**, N. K. Ampah, and M. N. O. Sadiku, “An intrusion detection technique based on change in Hurst parameter with application to network security,” *International Journal of Computer Science & Network Security*, vol. 7, no. 5, May 30, 2007, pp. 55-64.
39. S. M. Musa, **Cajetan M. Akujuobi**, and Nader F. Mir, “VoDSL Information Management for Broadband Communication Network Access,” *Journal of CIT*, 15, Vol.1, pp. 1-8, 2007.
40. S. M. Musa, M. N. O. Sadiku, and **C. M. Akujuobi**, “S-Parameters for three and four two-port networks,” *Technology Interface*, vol. 7, no. 2, Spring 2007.
41. Cary Smith, **Cajetan M. Akujuobi**, Kurt Kloesel and Phil Hamory, An Approach to Vibration Analysis Using Wavelets in an Application of Aircraft Health Monitoring, *Journal of Mechanical Systems and Signal Processing*, Elsevier, Vol. 21, p.1255-1272, June 2007.
42. S. Cui, Y. Wang, and **C. M. Akujuobi**, “Biomedical Image Registration Using Redundant Wavelet Transform,” *Proceedings of The 24th Annual Houston Conference on Biomedical Engineering Research*, Houston, Texas, February 2007.
43. M. N. O. Sadiku, **C.M. Akujuobi**, S.M. Musa, and S. R. Nelatury, “Direct Monte Carlo Simulation of Time-dependent Problems,” *Technology Interface*, Fall 2007.

44. S. M. Musa, **Cajetan M. Akujuobi**, and Nader F. Mir, "VoDSL Information Management for Broadband Communication Network Access," *Journal of CIT*, 14, Vol.14, Issue 4, pp. 17-24, 2007.
45. **Cajetan M. Akujuobi**, Jie Shen, and Matthew N. O. Sadiku, "A New Parallel Greedy Bit-Loading Algorithm With Fairness for Multi-Users in a DMT System", *IEEE Transactions on Communications*, Vol. 54, No. 8, August 2006, pg. 1374-1380.
46. Yongpeng Zhang, **Cajetan M. Akujuobi**, Warsame Ali, Charlie L. Tolliver, and Leang-San Shieh, "Load Disturbance Resistance Speed Controller Design for PMSM, *IEEE Transactions on Industrial Electronics*, Vol. 53, No. 4, p.1198-1208, August 2006.
47. W. Ali, Yongpeng Zhang, **C.M. Akujuobi**, C.L. Tolliver, L.S. Shieh, "DSP-based PID Controller Design for the PMDC Motor", *International Journal of Modeling and Simulation*, Vol. 26, No. 2, p.143-150, 2006.
48. **Yongpeng Zhang, C.M. Akujuobi**, W. Ali, C.L. Tolliver, L.S. Shieh, "Load Disturbance Resistance Speed Controller Design for PMSM", *IEEE Trans. On Industrial Electronics*, Vol. 53, No. 4, p.1198-1208, Aug 2006.
49. S. Cui, Y. Wang, and **C. M. Akujuobi**, "Redundant Wavelet Transform in Biomedical Image Application," in *Proceedings of NANOBIO 2006*, Irvine, California, June 2006.
50. Matthew N.O. Sadiku and **Cajetan M. Akujuobi**, "Magnetic Levitation", *IEEE Potentials Journal*, Vol. 25, No. 2, March/April 2006, pg. 41-42.
51. **S. M. Musa**, Emmanuel Opara, **Cajetan M. Akujuobi**, and N. F. Mir," UTILIZATION OF BUFFERS FOR PERFORMANCE EVALUATION OF LOCAL AREA NETWORK PROTOCOLS", *Communication of the International Information Management Association Journal (CIIMA)*, vol. x, issue x, October 2006, p.19-32.
52. **C. M. Akujuobi** and Matthew N. O. Sadiku, "The Present and Future of Broadband Communication", *IEEE Potential Journal*, October/November 2005, pg. 12-16.
53. **Cajetan M. Akujuobi** and Jian-ao Lian, "Image Compression Using Nonorthogonal and Orthogonally Compensated W-Matrices", *Chinese Journal of Engineering Mathematics*, Vol. 22, No. 5, Oct. 2005.
54. Matthew N. O. Sadiku, **Cajetan M. Akujuobi** and Raymond C. Garcia, "An Introduction to Wavelets in Electromagnetics", *IEEE Microwave Magazine*, June 2005.
55. Matthew N.O. Sadiku and **Cajetan M. Akujuobi**, "Software-defined Radio: A brief Overview", *IEEE Potentials Journal*, Vol. 23, No. 4, October/November 2004, pg. 14-15.
56. Matthew N.O. Sadiku and **Cajetan M. Akujuobi**, "Electrostatic Discharge (ESD)", *IEEE Potentials Journal*, December 2003/January 2004, p. 39-41.
57. Y. Zhang, L. S. Shieh, **C. M. Akujuobi** and W. Ali, "Digital PID Controller Design for Delayed Multivariable Analog Systems", *Asian Journal of Control*, vol. 6, No. 4, p.483-495, 2004.
58. **C. M. Akujuobi**, "Broadband Applications in Sub-Saharan Africa", *Journal of Science, Business & Agriculture*, ISBN 978-30999-0-3, ISSN No.1, Vol. 1, 4th Quarter, 2003.
59. **C. M. Akujuobi**, "The Impact of Telecommunications on the Development of Nigeria, the States and the Local Governments", *Journal of Science, Business & Agriculture*, ISBN 978-30999-0-3, ISSN No.1, Vol. 1, 4th Quarter, 2003.
60. **C. M. Akujuobi**, "Hot New Science and Engineering Research at the Center of Excellence for Communication Systems Technology Research (CECSTR) at Prairie View A & M University", Appeared as "New Science and Engineering Research at America's Black Colleges" Editor, Lango Deen, US Black Engineer & Information Technology Journal, Career Comm. Group, Inc., p. 16-20, August/September 2003.
61. **C. M. Akujuobi** and M. K. Kwong, "Nonorthogonal and Orthogonally Compensated Wavelet Analysis: An Application to Image Compression Using the W-Transforms," Abstract publication, *IEEE Trans. On Image Processing*, vol. 5, no. 3, March 1996.

Peer-Reviewed Papers

1. Toya Acharya, **Cajetan M. Akujuobi**, Annamalai Annamalai, and Mohamed Chouikha, "Simulation of Asymmetric digital subscriber line (ADSL) using the Discrete Wavelet Multitone Modulation (DWMT)", ASEE Gulf-Southwest Conference, Prairie View, Texas, March 16-18, 2022.
2. Blessing Dike and **Cajetan M. Akujuobi**, "5G Emancipation – A Panacea for An Efficient Communication Growth in Cellular Network Evolution: A Review", ASEE Gulf-Southwest Conference, Prairie View, Texas, March 16-18, 2022.
3. Bernice Hoedzoade and **Cajetan M. Akujuobi**, Performance Evaluation of Spectrum Sensing Implementation Using Energy Detection Method, ASEE Gulf-Southwest Conference, Prairie View, Texas, March 16-18, 2022.
4. Shumon Alam, Gbenga Agunsoye, Yasin Alam, Suxia Cui, **Cajetan Akujuobi**, Mohamed Chouikha, "Toward Developing a Realistic DDoS Dataset for Anomaly-based Intrusion Detection", IEEE International Conference on Consumer Electronics (ICCE), Dec. 2020.
5. Kelechi G. Eze, **Cajetan M. Akujuobi**, Matthew N.O. Sadiku, Mohamed Chouikha and Shumon Alam, "Blockchain and Internet of things: Use Cases and Integration Challenges", 22nd International Conf. on Business Information Systems, ETSI Informatica, University of Seville, Spain, June 26-28, 2019.
6. Basil A. Kandah and **Cajetan M. Akujuobi**, "Noise Removal of ECG Signals Using Discrete Wavelet Transform (DWT)", *Proceedings of the 2017 Research Symposium*, The College of Science, Technology, Engineering and Mathematics and The College of Health Sciences Annual Research Symposium, Alabama State University, March 15-16, 2017, p. 29-30.
7. S. Alam, A. Annamalai, **C. M. Akujuobi**, "Optimizations of Cooperative Spectrum Sensing With Reporting Errors over Myriad Fading Channels", *Proceedings of the IEEE CCWC 2017 Conf.*, Las Vegas, Feb. 2017.
8. **Cajetan M. Akujuobi**, "What is Research Telling Us about Nanotechnology Safety in the Electronics & Telecommunication Industries?", *Proceedings of the 2013 Research Symposium*, College of Science, Mathematics and Technology, Alabama State University, March 20-21, 2013.
9. Nripendra N. Sarker, Mohan Ketkar, **Cajetan M. Akujuobi**, "Engineering Technology Course Assessments for ABET Criterion 3: Students Outcomes", ASEE Proc., Vancouver, B.C., Canada, June 26-29, 2011.
10. Sarker, N. N., M. A. Ketkar and **C. M. Akujuobi**. Closing loop for continuous improvement. *Proceedings of the 2010 ASEE Gulf-Southwest Annual Conference*. McNeese State University, August 2010.
11. Emad Wada and **Cajetan M. Akujuobi**, "DWT Testing of DAC Effective Number of Bits", *Proceedings of The International Association of Science and Technology for Development*, Lahaina, Maui, USA, Paper No. 712-001, August 23-25, 2010, p.145-150.
12. Y. Zhang, P. Cofie, **C. M. Akujuobi**, A. N. Ajuzie, C. Xia, "Real-Time network induced delay compensation with digital redesign technique", *IEEE/ASME International Conference on Advanced Intelligent Mechatronics*, Montreal, Quebec, Canada, July 6-9, 2010, p.1058-1063.
13. Y. Zhang, Y. Wang, **C. M. Akujuobi**, and S. Cui, "Engineering Technology Laboratory Enhancement with LabView", *Proc. of the 2010 ASEE Annual Conf. & Exposition*, Louisville, Kentucky, June 20-23, 2011.
14. A. N. Ajuzie, J. Zhang, P. Cofie, **C. M. Akujuobi**, and Y. P. Zhang, 'Real-Time Random Delay Compensation with Digital Redesign Technique', 15TH IASTED Int. Conf. Robotics and Applications, pp. 201-208, 2010.

15. Olusegun Odejide, **Cajetan Akujuobi**, and Annamalai, "Efficacy of compressive sensing for dynamic spectrum access," *SPIE Defense, Security, and Sensing conference*, Orlando, April 2010.
16. Olusegun Odejide, **Cajetan Akujuobi**, Annamalai Annamalai, and Gerald Fudge, "Wideband signal detection using a Nyquist folding analog-to-information receiver in multipath fading environment," *SPIE Defense, Security, and Sensing conference*, Orlando, April 2010.
17. Y. Zhang, Y. Wang, **C. M. Akujuobi**, and S. Cui, "Progress and Strategies of Engineering Technology Revamping Plan at PVAMU", *Earth & Space 2010*, Honolulu, HI, March 14-17, 2010.
18. Olusegun Odejide, **Cajetan Akujuobi**, Annamalai Annamalai, and Gerald Fudge, "Joint Design of Channel-Source Coding for Compressive Sampling Systems," *IEEE CCNC conference*, Las Vegas, January 2010.
19. Y. Wang, S. Cui, J. Lian, Y. Yang, and **C. M. Akujuobi**, "Image Completion in Redundant Wavelet Domain," in *Proceedings of the 2009 International Conference on Image Processing, Computer Vision, & Pattern Recognition*, Las Vegas, Nevada, July 2009, vol. I, pp.243-247.
20. Olusegun Odejide, **Cajetan Akujuobi**, Annamalai Annamalai, and Gerald Fudge, "Application of analytic wavelet transform for signal detection in Nyquist Folding Analog-to-Information Receiver", *IEEE International Conference on Communication*, Dresden, Germany, June 14-18, 2009.
21. Andreas Spanias, **Cajetan M. Akujuobi**, Linda Hinnov, Michael Stiber, Edward Doering, Karthikeyan Natesan Ramamurthy, Raja Ayyanar, Harvey Thornburg, Costas Pattichis, Marlos Pattichis, and Shalin Mehta, "*JAVA-DSP Interdisciplinary Multi-University Phase 3 CCLI Project*", No. AC 2009-1269, ASEE 2009 Proceedings, Austin, Texas, June 2009.
22. Olusegun Odejide and **Cajetan Akujuobi**, "A Wavelet Based Transmission of Communication Systems Signals Using Multicode CDMA Modulation," TAMUS Symposium, Texas A&M University, Kingsville, TX, Nov. 5-6, 2005.
23. **Cajetan M. Akujuobi**, Olusegun Odejide and Jerry Fudge, "Development of Wavelet Based Signal Detection and Measurement Algorithm," Proc. Of ASEE 6th Global Colloquium on Engr. Edu., Istanbul, Turkey, Oct. 1-4, 2007.
24. Olusegun Odejide and **Cajetan Akujuobi**, "Wavelet Based Detection of Communication Signals and Modulation," TAMUS Symposium Prairie View A&M University, Prairie View, TX, Nov. 9-10, 2007.
25. **C. Akujuobi**, O. Odejide, A. Annamalai, and G. Fudge, "Sparseness measures of signals for compressive sampling," ISSPIT, Cairo, Egypt, Dec. 15 – 18, 2007.
26. O. Odejide, **C. Akujuobi**, A. Annamalai, and G. Fudge, "Sparseness measures of signals for compressive sampling in the presence of additive white Gaussian noise," International Symposium on Spectral Sensing Research (ISSSR) Conference, Hoboken, NJ. June 23 – 27, 2008.
27. Olusegun Odejide, **Cajetan Akujuobi**, Annamalai, and Gerald Fudge, "Signal and Modulation Type detection using Wavelet Transform," IEEE World Congress on Computer Science and Information Engineering, Los Angeles/Anaheim, March 31-April 2, 2009.
28. O. Odejide, **C. Akujuobi**, A. Annamalai and G. Fudge, "Determination of Best Sparsifying Basis for Compressive Sampling," International Review of Electrical Engineering, pp. 327 – 335, April 2009.
29. O. Odejide, **C. Akujuobi**, A. Annamalai and G. Fudge, "Application of Analytic Wavelet Transform for Signal Detection in Nyquist-Folding Analog-to-Information Receiver," Proc. IEEE ICC'09, Dresden, June 14-18, 2009.
30. Olusegun Odejide, **Cajetan Akujuobi**, Annamalai, and Gerald Fudge, "Joint Design of Channel-Source Coding for Compressive Sampling Systems," IEEE CCNC conference, Las Vegas, January 2010.

31. Olusegun Odejide, **Cajetan Akujuobi**, and Annamalai, "Efficacy of compressive sensing for dynamic spectrum access," SPIE Defense, Security, and Sensing conference, Orlando, April 2010.
32. Olusegun Odejide, **Cajetan Akujuobi**, Annamalai Annamalai, and Gerald Fudge, "Wideband signal detection using a Nyquist folding analog-to-information receiver in multipath fading environment," SPIE Defense, Security, and Sensing conference, Orlando, April 2010.
33. Nripendra N. Sarker and **Cajetan M. Akujuobi**, "Design of Questionnaires to Obtain Opinions in Assessing Program Performances", No. AC 2009-1011, Proc. of the 2009 ASEE Annual Conference, Austin, Texas, June 2009.
34. Veeramuthu Rajaravivarma and **Cajetan M. Akujuobi**, "Experiments with Computer Password Cracking and Shielding Techniques", Proc. of the 2009 ASEE Annual Conference, Austin, Texas, June 2009.
35. Yongpeng Zhang, Suxia Cui, Yonghui Wang, and **Cajetan M. Akujuobi**, "Taking Action: Enhancing Engineering Technology Laboratories with LabVIEW-Based Graphical Development Tools", No. AC 2009-1374, Proc. of the 2009 ASEE Annual Conference, Austin, Texas, June 2009.
36. Olusegun Odejide, **Cajetan Akujuobi**, Annamalai, and Gerald Fudge, "Signal and Modulation Type detection using Wavelet Transform", *IEEE World Congress on Computer Science and Information Engineering*, Los Angeles/Anaheim, March 31-April 2, 2009.
37. Sarker, **N. N.**, M. A. Ketkar and **C. M. Akujuobi**, 2009. On instruments for closing the loop for ABET accreditation. 2009 ASEE GSW Conferences. Baylor University, March 18-20, 2009.
38. Yonghui Wang, Suxia Cui, Jian-ao-Lian and **Cajetan M. Akujuobi**, "*Image Object Removal in Redundant Wavelet Transform Domain*", 21st Annual IS&T/SPIE Symposium on Electronic Imaging, Paper No. 7245A-11, vol. 7245, p. 72450C-1 – 72450C-8, San Jose, California, USA, January 18-22, 2009.
39. Suxia Cui, Yonghui Wang, Yongpeng Zhang, and **Cajetan M. Akujuobi**, "Laboratories Enhancement with LabView-Based Graphical Development Tools", in ASEE Global Colloquium 2008, Cape Town, South Africa, November 2008.
40. S. Cui, Y. Wang, Y. Zhang, and **C. M. Akujuobi**, "Laboratories Enhancement with LabView-Based Graphical Development Tools", *ASEE Annual Conference & Exposition*, Pittsburg, Pennsylvania, June 2008.
41. Yongpeng Zhang, **Cajetan M. Akujuobi**, Augustine Ajuzie and Chao Xia, "*Input Delay Compensation with Digital Redesigned A/D Conversion*", 2008 IEEE International Conferences on Cybernetics & Intelligent Systems (CIS) and Robotics, Automation & Mechatronics (RAM) (CIS-RAM 2008), Chengdu, China, September 22-24, pp. 410-414, 2008.
42. Yongpeng Zhang, **Cajetan M. Akujuobi**, Suxia Cui and Yonghui Wang, "Engineering Technology Undergraduate Labs Enhancement", *2008 National Instruments Week*, Austin, TX, Aug. 2008.
43. Yonghui Wang, Suxia Cui, Jian-ao-Lian and **Cajetan M. Akujuobi**, "*Perceptual Masking Video Watermarking in 3D-RDWT Domain*", The 2008 International Conference on Image Processing, Computer Vision, and Pattern Recognition (ICCV'08), Las Vegas, USA, Paper No. IPC4601, vol. I, p. 112-116, July 14-17, 2008.
44. O. Odejide, **C. Akujuobi**, A. Annamalai, and G. Fudge, 'Sparseness measures of signals for compressive sampling in the presence of additive white Gaussian noise', *International Symposium on Spectral Sensing Research (ISSSR) Conference*, Hoboken, NJ. June 23 – 27, 2008.
45. Suxia Cui, Yonghui Wang, Yongpeng Zhang, and **Cajetan M. Akujuobi**, "Laboratories Enhancement with LabVIEW-Based Graphical Development Tools", in Proc. of the 2008 ASEE Annual Conference, Pittsburg, PA, June 2008.
46. Nripendra N. Sarker and **Cajetan M. Akujuobi**, "Establishing Multiple Assessment Methods for Accreditation", Proc. Of the 2008 ASEE Gulf-Southwest Annual Conference, The University of New Mexico, New Mexico, March 26-28, 2008.

47. Suxia Cui, Yonghui Wang, Yongpeng Zhang, and **Cajetan M. Akujuobi**, "A Hands-on DSP Lab Design for Technology Students", *Texas Instruments Developer Conference Worldwide 2008*, Dallas, TX, Feb. 2008.
48. **C. Akujuobi**, O. Odejide, A. Annamalai, and G. Fudge, "Sparseness measures of signals for compressive sampling," *ISSPIT*, Cairo, Egypt, pp. 1042-1047, December 15 – 18, 2007.
49. Olusegun Odejide and **Cajetan Akujuobi**, "Wavelet Based Detection of Communication Signals and Modulation," *TAMUS Symposium* Prairie View A&M University, Prairie View, TX, Nov. 9-10, 2007.
50. **Cajetan M. Akujuobi**, Olusegun Odejide and G. Fudge, "Development of Wavelet Based Signal Detection and Measurement Algo.," *Proc. Of ASEE 6th Global Colloq. on Engr. Edu.*, Istanbul, Turkey, Oct. 1-4, 2007.
51. **Akujuobi, C. M.**; Ampah, N. K.; Sadiku, M. N.O. "Application of Wavelets and Self-similarity to Enterprise Network Intrusion Detection and Prevention Systems", *Proc. of 11th. Annual IEEE International Symposium on Consumer Electronics (ISCE)*, June, 2007.
52. **Akujuobi, C. M.** and Ampah, N. K. "Enterprise network intrusion detection and prevention system (ENIDPS)", *Proc. of Society of Photographic and Instrumentation Engineers (SPIE) Defense and Security Symposium*, April, 2007.
53. **C. M. Akujuobi**, N. K. Ampah, and M. N. O. Sadiku, "Application of wavelets and self-similarity to enterprise network intrusion detection and prevention systems," *IEEE Wireless Communications and Networking Conference*, 2007.
54. **C.M. Akujuobi**, E. Awada, M. Sadiku, and W. Ali, "Wavelet-based differential nonlinearity testing of mixed signal system ADCs," *IEEE Southeast Conference 2007*, pp. 76-81.
55. M. N. O. Sadiku, **C.M. Akujuobi**, S.M. Musa, and S. R. Nelatury, "Monte Carlo analysis of time-dependent cylindrical problems," *IEEE Southeast Conference 2007*, pp. 778-782.
56. S. M. Musa, M. N.O. Sadiku, **C. M. Akujuobi**, and N. F. Mir, "Test Performance of Integrated Digital Loop Carrier in Network Convergence Technology," *IEEE Galveston Bay Section Symposium for Space Applications of Wireless & RFID 2007 (SWIRF Proceedings 2007)*, May 8-9, 2007, Houston, TX.
57. Warsame H. Ali, Penrose Cofie, Charlie Tolliver, **Cajetan M. Akujuobi**, and L. Shieh, "Design and Digital Implementation of PID Controller for Nonlinear Motors", *ASEE-GSW Annual Conference*, The University of Texas-Pan American, March 28-30, 2007.
58. S. Cui, Y. Wang, and **C. M. Akujuobi**, "Biomedical Image Registration Using Redundant Wavelet Transform," in *Proceedings of The 24th Annual Houston Conference on Biomedical Engineering Research*, Houston, Texas, February 2007.
59. **Cajetan M. Akujuobi**, Matthew Sadiku, Shumon Alam and Veeramuthu Rajaravivarma, "Design, Development, Training and Implementation of a Mixed Signal Broadband Chip-to-Chip Communication System", *5th ASEE Global Colloquium on Engr. Education*, Rio de Janeiro, Brazil, 9-12 October 2006.
60. S. M. Musa, Emmanuel Opara, **Cajetan M. Akujuobi**, and N. F. Mir, "UTILIZATION OF BUFFERS FOR PERFORMANCE EVALUATION OF LOCAL AREA NETWORK PROTOCOLS", the 17th Annual International Information Management Association (IIMA) conference, New York, October 4-Oct. 7, 2006.
61. **Cajetan M. Akujuobi**, Matthew N. O. Sadiku, Shuman Alam, and Ravi, "Design, Development, Training and Implementation of a Mixed Signal Broadband Chip-to-Chip Digital Communication System", *ASEE Conference*, Chicago, June 2006.
62. Suxia Cui, Yonghui, and **Cajetan M. Akujuobi**, "Redundant Wavelet Transform in Biomedical Image Application, *Proceedings of NINOBIO 2006, ASME 2006 Frontiers in Biomedical Devices Conference*, June 8-9, 2006, Irvine, CA.
63. M. N. O. Sadiku, **C. M. Akujuobi**, and S.M. Musa, "Monte Carlo Analysis of Time Dependent Problems", *IEEE SoutheastCon 2006*, March 30 - April 2, 2006, Memphis, TN, USA.

64. Yongpeng Zhang, G. Song, H. Chen, **C.M. Akujuobi**, “Non-Model Based Frame Control with SMA Brace”, *10th ASCE Aerospace Division International Conference on Engineering, Construction and Operations in Challenging Environments* (Earth & Space 2006), League City/Houston, TX, Mar 5-8, 2006.
65. Yongpeng Zhang, **Cajetan M. Akujuobi**, Matthew Sadiku, and Tokunbo Ogunfunmi, “Robust Motor Controller Design Robust Motor Controller Design Implemented with TMS320F240 DSP”, *Texas Instruments Developer Conference* (TIDC’06), Dallas, TX, Feb 28-Mar 2, 2006.
66. M. N. O. Sadiku, **C. M. Akujuobi**, and S.M. Musa,” MONTE CARLO ANALYSIS OF TIME DEPENDENT PROBLEMS”, Symposium Engineering Week 2006 (Feb. 20-25) at PVAMU.
67. S. M. Musa and **Cajetan M. Akujuobi**, “Listening Quality for VoDSL” Poster Presentation at Oberlin Conference on Computation and Modeling 2005: The Undergraduate Arena, Nov. 4-6, 2005, Oberlin, Ohio.
68. Yongpeng Zhang, **Cajetan M. Akujuobi**, Warsame Ali, Charles Tolliver, and Shieh, “Observer-based Load Disturbance Compensation for Motor Drive with DSP Implementation”, 31th Annual Conference of the IEEE Industrial Electronics Society (IECON’05), Raleigh, North Carolina, Nov. 6-10, 2005.
69. Olusegun Odejide and **Cajetan Akujuobi**, “A Wavelet Based Transmission of Communication Systems Signals Using Multicode CDMA Modulation,” *TAMUS Symposium*, Texas A&M University, Kingsville, TX, Nov. 5-6, 2005.
70. Nakita Bowman, S. M. Musa; **Cajetan Akujuobi**, Kendall T. Harris,” Disabling Weapons Systems Versus Developing Weapon Systems”, 3rd Annual Texas A&M University System Pathways Student Research Symposium, Texas A&M University-Kingsville, Texas, November 4-5, 2005.
71. **Chris Stewart, Brooks Angelita, Melissa Taylor**, “DSP Applications in Smart Material Control”, 3rd Annual Texas A & M University System Pathways to Doctorate Research Symposium, Texas A&M University-Kingsville, Nov 4 - 5, 2005. (**Advisor: Dr. Yongpeng Zhang, &Dr. Akujuobi**).
72. S. M. Musa and **Cajetan M. Akujuobi**,” A Test Performance of Broadband Technology for the Efficiency of Listening Quality using VoDSL”, Proceeding of Fourth IASTED International Conference on CIIT –October 31- November 2, 2005, 2005 Cambridge, USA, paper number 496-048.
73. Cary Smith and **Cajetan M. Akujuobi**, “Vibration Analysis using Wavelet Techniques coupled with Structural Modeling of the Pathfinder Plus Wing,” FEMLAB Conference 2005, Cambridge, MA, October 23-25, 2005.
74. **Cajetan M. Akujuobi**, Shumon Alam and Matthew N. O. Sadiku, “Development, Training and Implementation of Test Automation for ADSL Interoperability and Reliability Studies”, 4th ASEE/AaeE Global Colloquium on Engineering Education Australian in Sydney, Australia, 26-30 Sept. 2005.
75. Yongpeng Zhang, **Cajetan M. Akujuobi**, Warsame Ali, Charlie Tolliver, and Leang-San Shieh, “Disturbance Resistance Speed Controller Design for AC Motor Based on TI TMS320F240 DSP”, *Texas Instruments Developer Conference* (TIDC’05), Houston, TX, Feb 15-17, 2005.
76. **Cajetan M. Akujuobi**, Shumon Alam and Matthew N. O. Sadiku, “Development, Training and Implementation of Test Automation for ADSL Interoperability and Reliability Studies”, Paper No. 2005-953, ASEE Proceedings 2005, Portland, Oregon, June 12-15, 2004.
77. **Cajetan M. Akujuobi**, Ben Franklin and Warsame Ali, “ADC Automated Testing Development and Implementation Using Lab View Software”, Paper No. 2004-1320, ASEE Proc. 2004, Salk Lake City, Utah, June 20-23, 2004.
78. Yongpeng Zhang, **C.M. Akujuobi**, W. Ali, C.L. Tolliver, L.S. Shieh, "Disturbance Resistance Controller Design for AC motors Based on TI TMS320F240 DSP", *2005 TI Developer Conf.*, (submitted), June 2004.

79. Ben Franklin and **C. M. Akujuobi**, "ADC Automated Testing Using LabView Software", TAMUS Pathways Research Symposium, Galveston, Texas, Nov. 14-15, 2003.
80. Olubusayo M. Oluwagbemi and **Cajetan M. Akujuobi**, "Application of Artificial Intelligence Principles to Remote Data Mining Problems", TAMUS Pathways Research Symp., Galveston, TX, Nov. 14-15, 2003.
81. Shumon Alam and **Cajetan M. Akujuobi**, "Development of Test Automation for ADSL Interoperability and Reliability Tests", TAMUS Pathways Research Symposium, Galveston, Texas, Nov. 14-15, 2003.
82. **Cajetan M. Akujuobi** and Cary Smith, "Wavelet-Based Algorithm for Vibration Detection in an Aeroelastic System", TAMUS Pathways Research Symposium, Galveston, Texas, Nov. 14-15, 2003.
83. Jie Shen and **Cajetan M. Akujuobi**, "Dynamic Spectrum Management", TAMUS Pathways Research Symposium, Galveston, Texas, Nov. 14-15, 2003.
84. **C. M. Akujuobi**, "On the Development and Teaching of a Broadband Communication-Based Curriculum at Prairie View A&M University", Proc. ASEE Conference, Nashville, TN, June 22-25, 2003.
85. **C. M. Akujuobi**, "On the Development, Simulation and Testing of a Mixed-Signal Flash ADC with Application to a Digital Voltmeter", Proc. ASEE Conference, Nashville, TN, June 22-25, 2003.
86. Sarhan Musa and **Cajetan M. Akujuobi**, "A Baseline Test for the Ability to Support Up to Eight Derived lines on the IADs for VoDSL, Proceedings GSPX-ISPC, Dallas, March 31 – April 3, 2003.
87. **Cajetan M. Akujuobi**, Matthew N. O. Sadiku, Jian-ao Lian and Lan Hu, "Test - Point Selection Method for Mixed Signal Systems Using Discrete Wavelet Transform", Proceedings GSPX-ISPC, Dallas, March 31 – April 3, 2003.
88. **C. M. Akujuobi** and Lan Hu, "Implementation of the Wavelet Transform-Based Techniques for Static Testing of Mixed Signal Systems", Proc. IASTED international Conf., Modeling and Simulation, Palm Springs, California, USA, pg.56-59, February 24-26, 2003.
89. **C. M. Akujuobi** and Lan Hu, "A Novel Parametric Test Method for Communication Systems Mixed-Signal Circuits Using Discrete Wavelet Transform", Proc. IASTED international Conf., Communications, Internet, and Information Technology, St. Thomas, US Virgin Islands, pg.132-135, Nov. 18-20, 2002.
90. **C.M. Akujuobi**, "Quantitative Performance Image Analysis Using Different Wavelet Filter Taps." Proc. ICSPAT, Dallas, Texas, October 12-16, 2000.
91. **C.M. Akujuobi**, "On the Novel Development of a Hybrid-Based Wavelet and Fractal Image Segmentation", Proc. ICSPAT, Orlando, Florida, November 1-4, 1999.
92. **C. M. Akujuobi**, "Implementation of Wavelet-Based Solutions to Signal Processing Applications", Proc. DSP World & ICSPAT, Toronto, Canada, September 13-16, 1998.
93. **C. M. Akujuobi** and M. K. Kwong, "Analysis of Wavelet Image Compression Using Nonorthogonal and Orthogonally Compensated W-Transforms," Proc. IEEE Southeastcon '96, Tampa, Florida, April 11-14, 1996, p. 297-300.
94. **C. M. Akujuobi**, "The Effects of Different Wavelets on Image Reconstruction," Proc. IEEE Southeastcon '96, Tampa, Florida, April 11-14, 1996, p. 293-296.
95. B. Samuels, Jr. and **C. M. Akujuobi**, "Development and Analysis of a 3D Decomposition Algorithm Using the W-Transform, Proc. Sixth Annual Argonne Symposium for Undergraduates in Science, Engineering and Mathematics, Argonne, Illinois, Nov. 3-4, 1995.
96. H. Dobson, Jr. and **C. M. Akujuobi**, "Computational Analysis of Images Using Different Wavelets", Proc. Sixth Annual Argonne Symposium for Undergraduates in Science, Engineering and Mathematics, Argonne, Illinois, Nov. 3-4, 1995.

97. R. L. Broussard, and **C. M. Akujuobi**, "AVS Implementation of W-Transform Multiresolution Analysis", Proc. Sixth Annual Argonne Symposium for Undergraduates in Science, Engineering and Mathematics, Argonne, Illinois, Nov. 3-4, 1995.
98. **C. M. Akujuobi**, V. Parikh and A. Z. Baraniecki, "Performance Evaluation of Multiresolution Image Analysis Using Wavelet Transform," Proc. of International Association of Science and Technology Development (IASTED), Pittsburgh, Pennsylvania, May 10-12, 1993.
99. V. Parikh, **C. M. Akujuobi** and A. Z. Baraniecki, "Comparison of Efficiency of Time and Frequency Domain Implementation of Discrete Wavelet Transform," Proc., IASTED, Pittsburgh, Pennsylvania, May 10-12, 1993.
- 100 **C. M. Akujuobi** and A. Z. Baraniecki, "Wavelets and Fractals: A Comparative Study," IEEE SSAP '92 Proceedings, Victoria, B.C., Canada, October 7-9, 1992.
- 101 **C. M. Akujuobi** and A. Z. Baraniecki, "Wavelets and Fractals: An Overview of their Similarities Based on Application Areas," IEEE SSP '92 Proceedings, Seattle, Washington, October 4-6, 1992.
- 102 **C. M. Akujuobi** and M. Chouikha, "Estimation of Large Set of Parameters: A Fuzzy Logic-Based Approach," Proc. Modeling and Simulation, Vol. 21, May 1990.
- 103 P. Hsiung and **C. M. Akujuobi**, "A Precise and Computational Effective Model of the Structure of Human Explanation Based on Tree Structure Representation," Proc. Modeling and Simulation, Vol. 19, May 1988.
- 104 **C. M. Akujuobi**, "Personal Computers and Mainframe Computers and Their Relevance to the Development of the Developing Countries," Proc. 1st International Conference on Large Scale Systems in Developing Countries, August 1987.
- 105 P. Hsiung and **C. M. Akujuobi**, "Comparisons of Data Base Systems," Proc. Modeling and Simulation, Vol. 18, May 1987.
- 106 S. Chukwukere and **C. M. Akujuobi**, "Maximum Overshoot Approximation of a System: A Miniac Modeling and Simulation Technique," Proc. Modeling and Simulation, Vol. 18, May 1987.
- 107 J. Graham and **C. M. Akujuobi**, "Performance Evaluation of Popular Methods for Generating Poisson Deviates," Proc. Modeling and Simulation, Vol. 18, 1987.
- 108 **C. M. Akujuobi**, "Computer Aided Analog-to-Digital Converter Selection," Proc. Instrument Society of America (ISA), Vol. 41, 1986.
- 109 **C. M. Akujuobi**, "The Effects of Gaussian Noise on PCM Systems: A Modeling and Simulation Technique," Proc. Modeling and Simulation, Vol. 17, May 1986.
- 110 **C. M. Akujuobi**, "Modeling and Simulation Techniques for Improving the Quality of PCM System Output Signals," IEEE Southeast Conference '86 Proceedings, 1986, p. 172-176.
- 111 **C. M. Akujuobi**, "Analog-to-Digital Converter Selection: Cost and Performance Criteria in Systems," Proc. Modeling and Simulation, Vol. 15, May 1984.

TECHNICAL PROJECT REPORTS

1. **Cajetan M. Akujuobi**, The College of Science, Mathematics and Technology (CSMT): Quaterly College Report to the Provost & Vice President for Academic Affairs, Alabama State University, March-Dec., 2013.
2. **Cajetan M. Akujuobi**, Overview of the College of Science, Mathematics and Technology : A Briefing Document for President Silver, President, Alabama State University, Sept. 16, 2012.
3. **Cajetan M. Akujuobi**, Quarterly Project Reports, Submitted to US Department of Education, Title III, via PVAMU Title III Office, 2008 to 2010.

4. **Cajetan M. Akujuobi**, NSF Annual Report, Collaborative Research: Phase III Design, Implementation and Dissemination of Multidisciplinary Online Java-Digital Signal Proc. (J-DSP) Materials (8/2008 - 7/2009).
5. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2009 Quarter II Report, Submitted to Integration Technologies Group, Inc. (ITG), June 30, 2009.
6. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2009 Quarter I Report, Submitted to Integration Technologies Group, Inc. (ITG), March 31, 2009.
7. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2008 Quarter IV Report, Submitted to Integration Technologies Group, Inc. (ITG), December 31, 2008.
8. **Cajetan M. Akujuobi**, Progress & Accomplishments (2007-2008), Center of Excellence for Communication Systems Technology Research (CECSTR) Annual Report Submitted to the President PVAMU, Dec. 1, 2008.
9. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2008 Quarter III Report, Submitted to Integration Technologies Group, Inc. (ITG), September 31, 2008.
10. **Cajetan M. Akujuobi**, Determination of Induced Modulation Frequency in a Nyquist Analog-To-Information Folding Receiver Quarters 2 & 3 Combined Report, Submitted to L-3 Communications, September 10, 2008.
11. **Cajetan M. Akujuobi**, Research and Education in Robust PAM/PWM Digital Controller Design, Annual Report, (8/1/07 - 7/31/08), Submitted to US Army, August 29, 2008.
12. **Cajetan M. Akujuobi**, Collaborative Phase II Research: Development of an Innovative Multifunctional Smart Vibration Platform, Annual Report Submitted to National Science Foundation, Sept. 16, 2008.
13. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2008 Quarter II Report, Submitted to Integration Technologies Group, Inc. (ITG), June 30, 2008
14. **Cajetan M. Akujuobi**, 'Determination of Induced Modulation Frequency in a Nyquist Analog-To-Information Folding Receiver', Quarter Report, Submitted to L-3 Communication Integrated Systems, June 30, 2008.
15. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2008 Quarter I Report, Submitted to Integration Technologies Group, Inc. (ITG) for the US Army, March 31, 2008.
16. **Cajetan M. Akujuobi**, CECSTR 2008 Annual Report, Submitted to Dr. George Wright, President, PVAMU. *Quote from Dr. Wright, '...was extremely impressed with your work...'*, December 10, 2008.
17. Martin Ilboundo, 'Network Security', CECSTR Technical Report, 2008 (**Advisor : Dr. Cajetan M. Akujuobi**), Fall 2008.
18. **Cajetan M. Akujuobi** and Emad Awada, "Differential Nonlinearity Testing of Mixed Systems ADC Using Wavelet Transform", *IEEE Transactions on Circuits and Systems P*, Submitted March 2008.
19. **Cajetan M. Akujuobi** and Emad Awada, "Wavelet-Based Effective Number of Bits Testing in Mixed Signal Systems", *IEEE Transactions on Circuits and Systems IP*, Submitted Feb. 2008.
20. **Cajetan M. Akujuobi**, "Development of Wavelet-Based Signal Detection & Measurement Algorithms - Reconstruction of Compressive Sampling Signals' Submitted to L-3 Communication Integrated Systems, Quarter Progress Report, September 28, 2007'.
21. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2007 Quarter IV Report, Integration Technologies Group, Inc. (ITG), December 31, 2007.
22. Ampah, N. K., **Akujuobi, C. M.**, Alam, S., Sadiku, M. N. O. "An Intrusion Detection Technique Based on Discrete Binary Communication Channels", CECSTR Technical Report, November 2007.
23. Ampah, N. K., **Akujuobi, C. M.**, Alam, S., Sadiku, M. N. O. "An Intrusion Detection Technique Based on Auto-Reclosing for Enterprise Networks", CECSTR Technical Report, November 2007.

24. Ampah, N. K., **Akujuobi, C. M.**, Alam, S., Sadiku, M. N. O. "An Intrusion Detection Technique Based on Continuous Binary Communication Channels", CECSTR Technical Report, October 2007.
25. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2008 Quarter III Report, Submitted to Integration Technologies Group, Inc. (ITG), Submitted to L3 Communication Integrated Systems, September 31, 2007.
26. **Cajetan M. Akujuobi**, 'Research and Education in Robust PAM/PWM Digital Controller Design (10/1/06 - 7/31/07)', Interim Progress Report, Submitted to US Army, August 31, 2007.
27. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2008 Quarter II Report, Submitted to Integration Technologies Group, Inc. (ITG), March 31, 2007
28. **Cajetan M. Akujuobi**, ADMC 2 Technology Advisory Services, 2008 Quarter I Report, Submitted to Integration Technologies Group, Inc. (ITG), March 31, 2007.
29. **Cajetan M. Akujuobi**, 'Qualifying the Redesign of the Texas Instruments UCC28C44D IC', Report Submitted to Texas Instruments, December 8, 2006.
30. **Cajetan M. Akujuobi**, Scott Briles and Jian-ao Lian, "On Morlet and Spline Wavelets", *International Journal of Wavelets, Multiresolution and Information Processing (IJWMIP)*, CECSTR Technical Report, November 2006.
31. **Cajetan M. Akujuobi**, Progress Report for Analog Mixed Signal and DSP Programs (September 1, 2005 - August 31, 2006), CECSTR Technical Report, Submitted to Texas Instruments, August 31, 2006.
32. M. N. O. Sadiku, S.M. Musa, and **C. M. Akujuobi**, "SMART MATERIALS AND THEIR APPLICATIONS," IEEE Potential Journal submitted March 16, 2006.
33. **Cajetan M. Akujuobi**, Center of Excellence for Communication Systems Technology Research (CECSTR) Five- Year (2000 - 2005) Progress & Accomplishments Report, Submitted to PVAMU, and Our Industrial Supporters, December 31, 2005.
34. Sarhan M. Musa and **Cajetan M. Akujuobi**, "A Test Performance of Broadband Technology for the Efficiency of Listening Quality Using VoDSL", IASTED, Cambridge, MA, Oct. 21-25, 2005.
35. **Cajetan M. Akujuobi**, Annual Progress Report for Analog Mixed Signal and DSP Programs (September 1, 2004 - August 31, 2005), Submitted to Texas Instruments, August 31, 2005.
36. **Cajetan M. Akujuobi**, "A Comprehensive Report on the Establishment of DSP Solutions and Analog-Based Curriculum with Emphasis in Design and Testing at Prairie View A&M University", CECSTR Technical Report, Submitted to PVAMU and Industrial Sponsors, June 1, 2005.
37. **Cajetan M. Akujuobi**, "Progress Report for Analog Mixed Signal and DSP Programs (September 1, 2003 - August 31, 2004)", submitted to Texas Instruments, August 31, 2004.
38. Rongbo Wu and **Cajetan M. Akujuobi**, "Chip-to-Chip Communication System", CECSTR Technical Report, August 31, 2004.
39. Nana K. Ampah and **Cajetan M. Akujuobi**, "Intrusion Detection and Prevention Systems for CECSTR CENet", CECSTR Technical Report, August 13, 2004.
40. Jie Shen, Shumon Alam and **Cajetan M. Akujuobi**, "Secure Network with VPN", CECSTR Technical Report, August 08, 2004.
41. **Cajetan M. Akujuobi**, "Secure the Network with VPN", CECSTR Summer Report, August 4, 2004
42. **Cajetan M. Akujuobi** Traffic Engineering & MPLS Network, CECSTR Technical Report, July 1, 2004.
43. **Cajetan M. Akujuobi**, "Intrusion Detection and Prevention Systems for CECSTR (CENet)", CECSTR Technical Report, June 1, 2004.
44. **Cajetan M. Akujuobi**, Martin Brenner and Cary Smith, "Wavelet-Based Algorithm for Vibration Detection in an Aeroelastic System", IEEE Transactions on Instrumentation and Measurement, Paper No. IM-6983, submitted June 2004.

45. Jie Shen and **Cajetan M. Akujuobi**, "An Efficient Multi-User Bit-Loading Algorithm for Discrete Multitone Systems", IEICE Transactions on Communications, Submitted, June 2004.
46. Ali, W. H. , Y. P. Zhang, **C. M. Akujuobi**, C. L. Tolliver, and L. S. Shieh, "DSP-Based Controller Design for the PMDC Motor", CECSTR Technical Report , December 20, 2004.
47. Yongpeng Zhang, **C.M. Akujuobi**, W. Ali, C.L. Tolliver, Leang-San Shieh, "Load Disturbance Resistance Speed Controller Design for PMSM", CECSTR Technical Report, October 2004.
48. **Cajetan M. Akujuobi**, "Wavelet-Based Algorithm for Vibration Detection in an Aeroelastic System (Aeronautics Exploration Project for NASA Dryden Flight Research Center)", Final Technical Report, Submitted to NASA Dryden, March 31, 2004.
49. **Cajetan M. Akujuobi** and Alam Shumon, "Statistical Analysis for ADSL Reliability Tests", Statistical Analysis Technical Report, TA-2004-025-A, Submitted to Sprint LTD Lab, February 12, 2004.
50. **Cajetan M. Akujuobi** and Jie Shie, "Statistical Analysis for ADSL Reliability Tests", Statistical Analysis Technical Report, TA-2004-025-B, Submitted to Sprint LTD Lab, February 12, 2004.
51. **Cajetan M. Akujuobi** and Alam Shumon, ADSL Reliability Test for Lucent Cell Pipe 50A on Lucent Stinger TAOS 9.3-170.1, Technical Report, TA-2004-025-A, Submitted to Sprint LTD Lab, February 12, 2004.
52. **Cajetan M. Akujuobi** and Jie Shie, ADSL Reliability Test for Lucent Cell Pipe 50A on Lucent Stinger TAOS 9.3-170.1, Technical Report, TA-2004-025-B, Submitted to Sprint LTD Lab, February 12, 2004.
53. Jian-ao Lian and **Cajetan M. Akujuobi**, "Orthogonal Multiwavelet W-Matrices", ICASSP 2005, Paper No. 3540, submitted Sept. 2004.
54. **Cajetan M. Akujuobi**, Shumon Alam & Jie Shie, "ADSL Interoperability Tests", CECSTR Technical Report, TX-2003-001-005-A, Submitted to Sprint LTD Lab, December 2, 2003.
55. **Cajetan M. Akujuobi**, "Progress Report for Analog Mixed Signal and DSP Programs (September 1, 2002 - August 31, 2003)", CECSTR Report, Submitted to Texas Instruments, August 31, 2003.
56. Cary Smith and **Cajetan M. Akujuobi**, "Study of a Wavelet-based Algorithm for Vibration Detection in an Aeroelastic System", CECSTR Technical Report, August 4, 2003.
57. Jie Shie and **Cajetan M. Akujuobi**, "DSL Interoperability Test", Sprint-CECSTR Technical Project Report, August 15, 2003.
58. Yongpeng Zhang, Warsame Ali, Charles Tolliver and **Cajetan M. Akujuobi**, "Brushless DC Motor Direct Drive with DSP", CECSTR Technical Report, August 2003.
59. Collins Acheampong and **Cajetan M. Akujuobi**, "A Multicarrier CDMA Architecture Based on Orthogonal Complementary Codes for new Generations of Wideband Wireless Communications", CECSTR Technical Report, August 2003.
60. **C. M. Akujuobi**, "Exploratory Algorithm Development Study of a Wavelet-Based Adaptive Smart Scheme for Vibration Detection of an Aerodynamic System", Final Report to NASA Dryden, CECSTR-PVAMU, March 28, 2003.
61. W. Ali, Y. Zhang, **C. M. Akujuobi**, C. Tolliver, and L.S. Shieh, DSP-Based PID Controller Design for the PMDC Motor", CECSTR Technical report, Dec. 2003.
62. **C. M. Akujuobi**, M. N. O. Sadiku, Lan Hu, "Effective Number of Bits testing of Mixed-Signal Systems Using Discrete Wavelet Transform", CECSTR Technical Report, April 2003.
63. **C. M. Akujuobi** and M. N. O. Sadiku, "Broadband Comm. Systems", CECSTR Tech. Report, April 2003.
64. **C. M. Akujuobi**, M. N. O. Sadiku and Lan Hu, "Test-Point Selection Method for Mixed Signal Systems Using Discrete Wavelet Transform", CECSTR Technical Report, March 2003.
65. Lan Hu, **C. M. Akujuobi** and Y. Zhang, "A New Variable Structure-Based Adaptive Mixed Signal Control System for Ultrasonic Logging", CECSTR Technical Report, January 2003.

66. S. M. Musa, **C. M. Akujuobi**, and M. N. O. Sadiku, "On the Evaluation of Listening Quality VoDSL Solutions for Simultaneous Multiple Voice with Data Connections on High-Speed Digital Lines," CECSTR Technical Report, December 2003.
67. **C. M. Akujuobi**, "Broadband Access Technologies Laboratory", Progress Report Submitted to Sprint, Jan. 1 2002 – Dec. 31, 2002.
68. **C. M. Akujuobi** & J. Lian, "Wavelet-Based Algorithm Development Research into the Detection, Discrimination and Parameter Estimation of Signals for AMRTD System at Prairie View A&M University", Final Project Report to Northrop Grumman, CECSTR-PVAMU, August 25, 2002.
69. **C. M. Akujuobi**, "Analog Mixed Signal And DSP Programs", Progress Report Submitted to Texas Instruments, Sept. 1, 2001 – August. 31, 2002.
70. **C. M. Akujuobi**, "Broadband Access Technologies Laboratory and Center Development for Research & Instruction at Prairie View A&M University, *On the Occasion of Agilent Inc. Equipment Proposal Report*", PVAMU, May 23, 2002.
71. **C. M. Akujuobi**, "DSP Solutions Courses and Laboratory and Center Development for Research & Instruction at Prairie View A&M University, *On the Occasion of Agilent Inc. Equipment Proposal Report*", PVAMU, May 23, 2002.
72. **C. M. Akujuobi**, "Broadband Access Technologies Laboratory and Center Development for Research & Instruction at Prairie View A&M University – Program Status", Prairie View A&M Univ., Jan. 12, 2001.
73. Lan Hu & **Cajetan M. Akujuobi**, "Test Point Selection Using Wavelet Transforms for 8-bit DAC", CECSTR, Technical Report #1, 2000.
74. Lan Hu & **Cajetan M. Akujuobi**, "DYNAMIC TEST OF ADCs USING HAAR WAVELET", CECSTR, Technical Report #2, 2000.
75. Lan Hu & **Cajetan M. Akujuobi**, "Static Testing of ADCs and DACs Using Wavelet Transforms", CECSTR, Technical Report #3, 2001.
76. Lan Hu & **Cajetan M. Akujuobi**, "The Dynamic Test of ADCs Using Daubechies-4 Wavelet Transform", CECSTR, Technical Report #4, 2001.
77. Lan Hu & **Cajetan M. Akujuobi**, "The THD, SINAD and SFDR Test of ADCs Using FFT", CECSTR, Technical Report #5, 2001.
78. Lan Hu & **Cajetan M. Akujuobi**, "Parametric Test of DACs Using Wavelet Transform", CECSTR, Technical Report #6, 2001.
79. L. J. Cruz-Rivera, M. R. Marrero-Cruz, **C. M. Akujuobi**, R. Wilkins, K. Kirby, K. Aviles, and H. Torres, "Gain and Bias Current Characterization of BiCMOS Internally Compensated Linear Device Subjected to Gamma Irradiation", CECSTR Technical Report, 2001.
80. **C.M. Akujuobi**, "Study of the Wavelet Transform-Based Testing of Analog-To-Digital converters (ADCs)", Texas Instruments, Inc., CECSTR Technical Report, August 22, 2000.
81. **C.M. Akujuobi** & Manuel A. Jiménez, "Analysis and Evaluation of TPS 2211 Shrink Design", Texas Instruments, Inc., CECSTR Technical Report, August 13, 1999.
82. **C.M. Akujuobi**, S.T. Koay, and K. Kirby, "Survey Report on Retention of Students in an Academic Environment", Prairie View A&M University, CECSTR Technical Report, April 30, 1999.
83. **C.M. Akujuobi**, "Standards Requirements List for xDSLs, Cable Modems, Wireless Channel, LAN, Set-Top Boxes and Digital Broadcast Systems", Advanced Hardware Architectures, Inc., CECSTR Technical Report, April 1998.
84. **C.M. Akujuobi**, "2B1Q-Based HDSL System Transceiver Algorithm Data Flow Analysis", Advanced Hardware Architectures, Inc., CECSTR Technical Report, March 1998.
85. **C.M. Akujuobi**, "High Speed Modem Analysis: A Comparative Study of Five Different Types", Advanced Hardware Architectures, Inc., CECSTR Technical Report, February 1998.
86. **C.M. Akujuobi**, "TASS Applications Testing Simulation Strategy Proposal", Advanced Hardware Architectures, Inc., CECSTR Technical Report, January 1998.

87. **C.M. Akujuobi**, “TASS Requirements at Algorithm Level Based on Different Standards for ADSL, HDSL, and Cable Modem”, Advanced Hardware Architectures, Inc., CECSTR Technical Report, December 1997.
88. **C. M. Akujuobi** and M. K. Kwong, “Analysis of Wavelet Image Compression Using Nonorthogonal and Orthogonally Compensated W-Transforms,” Argonne National Laboratory, CECSTR Technical Report, August 1995.
89. **C. M. Akujuobi** and M. K. Kwong, “Nonorthogonal and Orthogonally Compensated Wavelet Analysis: An Application to Image Compression Using the W-Transforms,” Argonne National Laboratory, CECSTR Technical Report, August 1995.
90. **C. M. Akujuobi**, “Design and Evaluation of a Non Reference Diagnostic Equipment (NRDE) Burst Monitoring System,” INTELSAT Corporation, CECSTR Technical Report, August 1993.
91. **C. M. Akujuobi**, “Evaluation and Analysis of a Common Handset for the 5000 Series Cordless Telephones,” Consumer Products/ AT&T Bell Labs, Internal Memorandum, August 1990.
92. **C. M. Akujuobi**, “Development of an Automatic Range Simulation System for Cordless Telephones,” Consumer Products/AT&T Bell Laboratories, Internal Memorandum, August 1989.
93. **C. M. Akujuobi**, “State Transitions and Action Routines for a Telephone-Based Speaker Verification Demonstration System,” AT&T Consumer Laboratories, Internal Memorandum, August 1988.
94. **C. M. Akujuobi**, “Overview of SPICE and SIG in a SIMNET Environment,” NASA, Langley, Internal Report, August 1987.
95. **C. M. Akujuobi**, “Utilization of SIG as a Tool for Filter Design,” NASA, Langley, Internal Report, Aug ‘87.
96. **C. M. Akujuobi**, “Development of a Computer Signal Generation Capability for the Masscomp MC-500 Real-Time UNIX Computer Interfaced to DSP 32 Single Board Development Station,” AT&T Bell Laboratories, Internal Memorandum, August 1986.

SELECTED INVITED TALKS, SPEECHES, PRESENTATIONS MADE, SEMINARS, WORKSHOPS, TRAINING, & PROFESSIONAL TECHNICAL MEETINGS ATTENDED

1. **Invited Talk:** “Graduate Program Issues”, 2020 America East Symposium for Graduate Programs in Engineering and Computing”, America East Conference, December 2020.
2. **Invited Talk:** “Nanotechnology: An Overview of the Current Status of its Roles in the Era of COVID-19”, IAAM Fellow Lecture 2020, advanced materials lecture series, International Association of Advanced Materials, Sweden, September 2020.
3. **Invited Talk:** “Multi-User Bit-Loading Greedy Algorithm: An Improved Parallel Technique Design with Fairness Control for Discrete Multitone Modulation Systems”, The 8th International Conference on Electronics, Communications and Networks (CECNet 2018), Bangkok, Thailand, November 16 – 19, 2018.
4. **Invited Talk:** “Nanotechnology Safety: A Challenge for the 21st Century”, International Conference on Nanomaterials & Nanotechnology (ICNano-2018), Stockholm, Sweden, October 9-12, 2018.
5. Attended the National Council of University Research Administrators (NCURA) in Washington, DC., August 5-9, 2018.
6. Attended the 2018 Council on Research (CoR) and the CIMA Joint Summer meeting in Bozeman, Montana, July 29-31, 2018.

7. **Invited Talk:** “What is Research Telling us about Wavelet-Based Application Research and their Effects on Our Daily Lives?”, Presented to the Higher Council for Science and Technology on Behalf of the Jordanian Scientists & Technologists Abroad (JoSTA) Network, attended by Her Royal Majesty, Amman, Jordan, August 17, 2017.
8. Invited to Speak to Nursing Graduates at Their Hooding, Pinning & Awards Ceremony, Prairie View A&M University, May 10, 2017.
9. Invited to Speak to Nursing Graduates at Their Hooding, Pinning & Awards Ceremony, Prairie View A&M University, May 11, 2016.
10. Invited Commencement Speaker: “Make Your Life Matter”, Commencement Speech for the Spring 2016 Graduates at Prairie View A&M University, May 13, 2016.
11. Attended the 2015 HBCU Innovation, Commercialization and Entrepreneurship/VentureWell Open Conference in Washington, DC representing PVAMU administration from March 19th-22nd, 2015.
12. Visited personnel in the Research Office and Engineering Office at Southern University, Baton Rouge, to discuss research partnerships between the two Universities, February 26, 2015.
13. Represented Prairie View A&M University at NSBE Conference in Washington, DC from Feb. 6-8, 2015.
14. Invited to attend a Strategy Session Meeting with other University Dignitaries from across the Nation by Republic of Georgia at the Embassy of Georgia in Washington, DC from Dec. 16-19, 2014.
15. Invited to attend the 2014 HBCU Innovation, Commercialization and Entrepreneurship/VentureWell Open Conference in Washington, DC representing PVAMU administration from Nov. 15th-18th, 2014.
16. Invited to the Congressional Black Caucus Foundation Conference in Washington, DC, Sept. 24-27, 2014
17. Attended IRB, IACUC Trainings in Columbus, Ohio, September 7-12, 2014
18. Invited to Present at the AGEP Conference, TAMU Corpus Christi, Texas, July 21-23, 2014.
19. Invited to present at an NSF supported Workshop at Alabama State University, Montgomery, Alabama, July 14-17, 2014.
20. Attended the Title III National Meeting, Chartlotte, NC., June 24-28, 2014.
21. Attended the National HBCU Dean’s Summit, Washington, D.C., June 11-13, 2014.
22. Attended the CRI/NASA supported detector designed for PVAMU project, UT Austin, Austin, Texas, April 13-14, 2014.
23. Invited to attend Industry Day at TAMUCC, Corpus Christi, TX., April 7-9, 2014.
24. Invited to represent PVAMU at the HBCU ICCE Conference, San Jose, CA., March 19-24, 2014.
25. Attended “Ethics and Qualitative Research” Lecture Series at PVAMU, February 27, 2014.
26. Made three research presentations at the Invitation of two Universities in China (Yangzhou University and South China University) and one in Hong Kong (The University of Hong Kong) to give a talk in each of the Universities and discuss MOUs and Research Collaborative efforts, October 9-17, 2013.
27. Made a Research Presentation on “What is Research Telling Us about Nanotechnology Safety in the Electronics & Telecommunication Industries?”, 2013 Research Symposium, College of Science, Mathematics and Technology, Alabama State University, March 20-21, 2013.
28. Travelled to Houston, Texas, USA as Invited Keynote Speaker, on the occasion of the 1ST FUTO Alumni Association in Diaspora (FAAD) to present a paper entitled “GLOBAL TECHNOLOGICAL REVOLUTION: ISSUES AND STRATEGIES FOR THE WAY FORWARD IN NIGERIA”; Organized by the (FAAD), USA & EUROPE, August 18, 2012.
29. Travelled to Houston, Texas, USA as Invited Keynote Speaker, Center of Excellence for Communication Systems Technology Research (CECSTR), to present a paper entitled, “What’s New in Wavelet-Based Application Research”, Electrical Engineering Department, PVAMU, December 1-3, 2011.

30. Travelled to Houston Texas, USA, as Invited Speaker, to present a paper entitled, "Establishing an Engineering Research Institute, Building Collaborations", PVAMU/TAMU NSF ADVANCE-PAID Workshop, Houston, Texas May 19-22, 2011.
31. Travelled to Vancouver, B.C., Canada for the ASEE Annual Conference, to present a paper entitled "Engineering Technology Course Assessments for ABET Criterion 3: Students Outcomes", June 26-29, 2011.
32. Invited as a Keynote Speaker to the Nigerian American Community of the South Central Alabama on the Occasion of the Golden Anniversary of the Nigerian Independence, Montgomery, Alabama, USA, October 1, 2010.
33. Traveled to Maui, Hawaii to attend to IASTED Conference and Present a Technical paper, Aug 23-25, 2010.
34. Traveled to Florida, to attend and present paper to ASU's Board of Trustees, Academic and non-academic managers' retreat, July 15-17, 2010.
35. Traveled to Ottawa, Canada to attend the DSL Forum Conference & make contacts for potential sponsors for Broadband Research lab. (PVAMU is a registered member of this organization), May 23 - 28, 2010.
36. Traveled to Washington, D.C. to attend the NSF 2010 Graduate Research Fellowship Program Meeting February 4 - February 6, 2010.
37. Attended several invited NSF Panelists meetings in Arlington, Virginia, from 2002-Present.
38. Traveled to Dresden, Germany to attend and present an invited paper at the 2009 IEEE International Conference on Communications (ICC) and to represent Prairie View A&M University at Meetings and Workshops to discuss research and collaborative activities, June 14 - 18, 2009.
39. Attend a Workshop on "New Networks of the Future", Dresden, Germany, June 14 - 18, 2009
40. Traveled to New Orleans, LA to attend the DSL Forum Conference & make contacts for potential sponsors for Broadband Research lab. (PVAMU is a registered member of this organization), March 10 - 15, 2009.
41. Traveled to Cape Town, South Africa to present paper at ASEE 7th Global Colloquium on Engineering Education, collect research materials and attend research educational workshops, Oct.17–Nov. 1, 2008.
42. Traveled to Nigeria from South Africa to Sign a Memorandum of Understanding for Collaborative Research and Linkage issues on behalf of Prairie View A&M University and The Center of Excellence for Comm. Systems Technology Research at the Federal University of Technology, Owerri, Nigeria, Nov. 2-8, 2008.
43. Travelled To Texas A&M University, College Station to Represent PVAMU in a Panel Discussion entitled "Technology Transfer in the A&M System – From Discovery to Commercialization", September 25, 2008.
44. Addressed Faculty, Staff and Students of Engr. Tech. Dept. on Policy Directions of the Dep., Sept. 16, 2008.
45. Traveled to Washington, DC to attend and Represent Prairie View A&M University, at a HBCU Conference, Sept. 7-10, 2008.
46. Attended National Instruments Conference in Austin, Texas, August 3-6, 2008
47. Traveled to Tennessee Technological University, Cookeville, Tennessee and Represented CECSTR and PVAMU in exploring potential for collaborative Research efforts, August 1-2, 2008
48. Traveled to Dallas, TX to attend the Texas Instruments Developer Conference, February 26 - 28, 2008.
49. Attended and Presented Research Efforts at the Meeting of the Chancellor's Council Meeting, Juvenile Justice Auditorium, PVAMU, February 20, 2008.

50. Traveled to Washington, D.C. to attend the NSF 2008 Graduate Research Fellowship Program Meeting January 30 - February 2, 2008.
51. Traveled to Cairo, Egypt to attend and present an invited paper at the 7th IEEE International Symposium and to represent Prairie View A&M University at Ain Shams University in Cairo, Egypt to discuss research and collaborative activities, December 13 - 21, 2007.
52. Traveled to Istanbul, Turkey to present paper at ASEE 6th Global Colloquium on Engineering Education, collect research materials and attend research educational workshops, September 29 - October 5, 2007
53. Addressed Faculty, Staff and Students of Engineering Technology Department on Policy Directions of the Department, September 20, 2007.
54. Travel to Washington, D.C. to attend the NSF 2007 Joint Annual Meeting August 12 - 15, 2007
55. Traveled to McLean, VA to represent PVAMU at the HBCUs/DISA Summit, July 16 - 17, 2007
56. Traveled to Honolulu, Hawaii to Attend the 2007 ASEE Annual Conference and present a paper, June 24 - 29, 2007.
57. Traveled Dallas, TX - To Texas Instruments to discuss projects w/TI Mgrs. & Sr. VP's, May 1, 2007
58. Travelled to Texas as Invited Guest Speaker, Center of Excellence for Communication Systems Technology Research (CECSTR), Electrical Engineering Department. PVAMU, December 1-3, 2011.
59. Travelled to Houston, Texas Invited as a Speaker, PVAMU/TAMU NSF ADVANCE-PAID Workshop, Houston, Texas May 19-22, 2011
60. Traveled to Orlando, Florida to attend the 2007 Defense & Security Symposium, April 8 - 14, 2007.
61. Traveled to Washington, DC to attend and participate in the SAIC Business Development Training Class w/HBCU / MI, February 13 - 16, 2007.
62. Traveled to Atlanta, GA to attend the DSL Forum Conference & make contacts for potential sponsors for Broadband Research lab. (PVAMU is a registered member of this organization), December 10 - 15, 2006.
63. Traveled to Tuskegee University in Tuskegee, AL for recruitment of students, November 13 - 14, 2006.
64. Traveled to Rio de Janeiro, Brazil to attend the ASEE 5thGlobal Colloquium on Engineering Education and present a paper, October 7 - October 14, 2006.
65. Attended workshops organized by National Instruments in Austin, Texas, August 7-10, 2006.
66. Invited panelist NSF Graduate Research Fellowship Program (GREP), February 10-12, 2006
67. Traveled to Munich, Germany to attend the DSL Forum Conference & make contacts for potential sponsors for Broadband Research lab. (PVAMU is a registered member of this organization), Sept. 10 - 15, 2005.
68. Invited panelist NSF Graduate Research Fellowship Program (GREP), February 11-13, 2005.
69. Invited Visiting Professor, Federal University of Technology, Owerri, Nigeria Dec. 1, 2004 – Jan. 15, 2005
70. GWEC Regional Wireless Seminars, Bellevue, Washington State, November 9-11, 2004
71. TI Mixed Signal & DSP VLC-LT Training, CECSTR, PVAMU Campus, October 8, 15, & 29, 2004
72. FEMLAB Multiphysics Modeling Seminar, at Texas A & M University, College Station, October 19, 2004
73. ASEE Annual Conference, Salt Lake, Utah June 20-23, 2004
74. Spirent Workshop on Testing Network Security, Houston, Texas, June 15, 2004
75. Spirent Workshop on Future OP IP, Dallas, Texas, June 8, 2004
76. TI Technical Meetings with TI PRO & Executive Sponsor, June 7 & 8, 2004
77. HAI Technical Research Meetings/Presentations, CECSTR-PVAMU, June 2, 2004

78. NSF Workshop at Texas A & M University, College Station, April 20, 2004
79. Graduate Students Recruitment & Presentation at Alabama A&M and Tuskegee Universities, April 12-13, 2004
80. Graduate Students Recruitment & Presentation at Lamar & Southern Universities, March 31-April 1, 2004
81. NASA Dryden, Research Presentation, & Business Meeting, Edwards, California, March 4-6, 2004.
82. ASEE Engineering Research Council Workshop, Washington, DC., February 28-March 1, 2004
83. TI Developers Conference, Houston, Texas, February 18-20, 2004
84. Spirient Workshop on Future OP IP, Dallas, Texas, June 8, 2004
85. Business & Technical Meeting with Sprint Executives, Kansas City, Kansas, December 3-4, 2003.
86. Pathways Research Symposium at Texas A&M- Galveston, November 14 & 15, 2003.
87. MSI Research Clusters Conference, Baton Rouge, Louisiana, October 22-25, 2003
88. ABET College of Engineering Workshop, PVAMU Northwest Campus August 18, 2003
89. Joint LLNL/SEA Homeland Security Project Meeting, Lawrence Livermore, California, August 7, 2003
90. ASEE Annual Conference, Nashville, Tennessee, June 22-25, 2003
91. ASEE/WFEO International Colloquium, Nashville, Tennessee, June 20-22, 2003
92. SEASBC/HBCU Conference, Memphis, Tennessee, June 17-18, 2003
93. Joint LLNL/SEA Homeland Security Project Meeting, Jackson, Mississippi, June 13, 2003
94. International Signal Processing Conference (ISPC), Dallas, March 31-April 3, 2003
95. FAMIS University-Wide Training, PVAMU Campus, March 17 & 18, 2003
96. IASTED International Conference, Palm Springs, California, February 24-26, 2003
97. ASEE Engineering Research Council Workshop, Arlington, Virginia, February 23-25, 2003
98. Northrop Grumman, Los Almost National Lab Project Technical Meeting, Baltimore, MD., Feb. 24, 2003.
99. QEM/MSE Network National Conference Meetings, Workshops, Washington, D.C., February 14-15, 2003
- 100 Research Presentation to Texas A&M System Chancellor, PVAMU, February 6, 2003
- 101 QEM/MSE Network National Conf. Meetings, Workshops, Washington, D.C., Feb.21-24, 2002.
- 102 IASTED International Conference, St. Thomas, US Virgin Islands, November 18-20, 2002
- 103 Northrop Grumman, Los Almost National Lab Project Technical Meeting, PVAMU, June 14, 2002
- 104 QEM/MSE Meetings, Workshops, Houston, Texas, March 23-24, 2001.
- 105 Texas Instruments Mixed Signal, DSP-Based Meetings at Southern University, Baton Rouge, LA., March 23, 2001.
- 106 National Instruments LabView Hands-on Workshop for Mixed Signal Measurement and Testing, February 28, 2001.
- 107 Analog & Mixed Systems Design & Testing Workshop/Short Course, November 13-17, 2000.
- 108 SPRINT, INC., Strategic and Proposal Award Meeting & Presentation, Kansas City, Nov. 1, 02.
- 109 ICSPAT-International Conference on Signal Proc. Applications & Technology, Dallas, Texas, Oct. 16-19, 2000.
- 110 NSREC Conference, Reno, Nevada, July 24-28, 2000.
- 112 DSP Fest Conference, Houston, Texas, August 02-04, 2000.
- 113 Lockheed Martin Information Systems Group, Fort Worth, Texas, April 16-17, 2000.
- 114 Invited Speaker at the Mixed Signal-Based Meeting and Workshop at Univ. of Puerto Rico, Mayaguez Campus, Mayaguez, Puerto Rico, April 24 – 27, 2000.
- 115 Project Management Workshop Course, PVAMU, April 5, 2000.
- 116 Texas A&M University, College Station, Texas, March 24, 2000.
- 117 IEDM - International Electron Devices Conference/Short course, Washington, DC.,

- December 4-9, 1999.
- 118 CECOM Proposal Meeting, Washington, DC., December 1-2, 1999.
- 119 ICSPAT-International Conference on Signal Proc. Applications & Tech., Orlando, Florida, Nov. 1-4, 1999.
- 120 NSREC Conference, Norfolk, Virginia, July 10-13, 1999.
- 121 Assistive Technology Issues Meeting, Ruston, Texas, April 8-9, 1999.
- 122 Research & Proposal Meetings, Texas Instruments, Dallas, March 18, 1999.
- 123 NASA Ames Research Center, HBCU Proposal Meeting, San Jose, California, March 8-10, 1999.
- 124 Capacity Building Workshop, Dallas, Texas, February 24-26, 1999.
- 125 Communications Lab Training with Tellabs, Bolingbrook, Illinois, December 13-17, 1999.
- 126 IEDM - International Electron Devices Conference/Short course, San Francisco, CA., December 6-9, 1998.
- 127 IEEE Standards Industrial Advisory Members & Board of Governors Meetings, NY, NY., December 2-6, 1998.
- 128 DSP World & ICSPAT, Toronto, Canada, September 13-16, 1998.
- 129 ADSL FORUM International Conference, Montreal, Canada, June 15-21, 1998.
- 130 T1E1.4 Technical Standards Working Group Meeting on xDSL, Huntsville, AL., May 31-June 5, 1998.
- 131 ANSI T1E1.4 Technical Standards Working Group Meeting on xDSL, Austin, Texas, March 2-6, 1998.
- 132 Business Negotiations with Partners - xDSL Application Codes, Testing & Evaluation; Belfast – Northern Ireland; Bradford, Aberdeen - United Kingdom, February 21-28, 1998
- 133 Technology Hard Copy Fact Finding Meeting and Negotiations, Los Angeles & El Segundo, CA., Jan. 28, 1998.
- 134 ANSI T1E1.4 Technical Standards Working Group Meeting on xDSL, Sacramento, CA., Dec. 8-12, 1997.
- 135 GLOBECOM '97 Conference, Phoenix, Arizona, November 3-8, 1997.
- 136 Technology Hard Copy Fact Finding Meeting and Negotiations Rochester, New York, October 28-29, 1997.
- 137 Smart Cards Network Application Meetings and Negotiations with Litronic, Inc.; Costa Mesa, California, Aug. 29-31, 1996.
- 138 RSA Workshop on Cryptography, Menlo Park, California, August 14-17, 1996.
- 139 RSA Laboratories on PKCS #11/Cryptoki Workshop, Boston, Massachusetts, July 8-11, 1996.
- 140 IEEE Southeastcon'96 Conference, Tampa, Florida, April 11-14, 1996.
- 141 NSF Engineering Ethics and Professionalism workshop, College Station, Texas, August 14-18, 1995.
- 142 IEEE Southeastcon'95, Conference, Raleigh, North Carolina, March 26-29, 1995.
- 143 International Conference on Modeling and Simulation, Pittsburgh, Pennsylvania, May 10 - 12, 1993.
- 144 Sixth SSAP Workshop on Statistical Signal & Array Processing, Victoria, British Columbia, Canada, October 7 - 9, 1992.
- 145 International Symposium on Time-Frequency and Time-Scale Analysis, Victoria, British Columbia, Canada, October 4 - 6, 1992.
- 146 AFCOM'92 - African Communications Conference, Westin Hotel, Washington, D.C., March 30 – April 1, 1992.
- 147 Modeling and Simulation Conference, Pittsburgh, Pennsylvania, May 1990.
- 148 OUCC 89 FUZZY LOGIC Conference, Athens, Ohio, October 1989.
- 149 Modeling and Simulation Conference, May, 1987.
- 150 National Congress on Engineering Education Conference, Washington, DC., November 1986.
- 151 Instrument Society of America Conference, Houston, TX., October 1986.
- 152 American Society for Engineering Education Conference, Cincinnati, Ohio, July 1986.

- 153 Modeling and Simulation Conference, Pittsburgh, Pennsylvania, April 1986.
- 154 IEEE Southeast Conference, Richmond, Virginia, March 1986.
- 155 Modeling and Simulation Conference, Pittsburgh, Pennsylvania, April 1984.
- 156 "ADC Automated Testing, Development and Implementation Using Lab View Software", Paper No. 2004-1320, ASEE Proceedings 2004, Salk Lake City, Utah, June 20-23, 2004.
- 157 "ADC Automated Testing Using LabView Software", TAMUS Pathways Research Symposium, Galveston, Texas, Nov. 14-15, 2003.
- 158 "Application of Artificial Intelligence Principles to Remote Data Mining Problems", TAMUS Pathways Research Symposium, Galveston, Texas, Nov. 14-15, 2003.
- 159 "Development of Test Automation for ADSL Interoperability and Reliability Tests", TAMUS Pathways Research Symposium, Galveston, Texas, Nov. 14-15, 2003.
- 160 "Wavelet-Based Algorithm for Vibration Detection in an Aeroelastic System", TAMUS Pathways Research Symposium, Galveston, Texas, Nov. 14-15, 2003.
- 161 "Dynamic Spectrum Management", TAMUS Pathways Research Symposium, Galveston, Texas, Nov. 14-15, 2003.
- 162 "The Center of Excellence for Communication Systems Technology Research (CECSTR)", Faculty and Professional Staff Conference, PVAMU, August 20, 2003.
- 163 "On the Development and Teaching of a Broadband Communication-Based Curriculum at Prairie View A&M University", Proc. ASEE Conference, Nashville, TN, June 22-25, 2003.
- 164 "On the Development, Simulation and Testing of a Mixed-Signal Flash ADC with Application to a Digital Voltmeter", Proc. ASEE Conference, Nashville, TN, June 22-25, 2003.
- 165** "Ph.D. & M.S. Programs at PVAMU", Presented at Lamar University, April 24, 2003.
- 166 "A Baseline Test for the Ability to Support Up to Eight Derived lines on the IADs for VoDSL, Proceedings GSPX-ISPC, Dallas, March 31 – April 3, 2003.
- 167 "Test - Point Selection Method for Mixed Signal Systems Using Discrete Wavelet Transform", Proceedings GSPX-ISPC, Dallas, March 31 – April 3, 2003.
- 168 "Implementation of the Wavelet Transform-Based Techniques for Static Testing of Mixed Signal Systems", Proc. IASTED international Conf., Modeling and Simulation, Palm Springs, California, USA, pg.56-59, February 24-26, 2003.
- 169 "On the Development and Teaching of a Broadband Communication-Based Curriculum at Prairie View A&M University", Presented at the QEM/MSE Conf., Washington, D.C., February 14-15, 2003.
- 170 "High-Speed (Broadband) Communication, Analog Mixed Signal and DSP Solutions Programs at PVAMU", Presented to Texas Higher Education Ph.D. Site Visit, PVAMU, Texas, December 17, 2002.
- 171 "A Novel Parametric Test Method for Communication Systems Mixed-Signal Circuits Using Discrete Wavelet Transform", Proc. IASTED international Conf., Communications, Internet, and Information Technology, St. Thomas, US Virgin Islands, pg.132-135, Nov. 18-20, 2002.
- 172 "Wavelet Signal Processing for the Advanced Microwave Receiver Technology Development (AMRTD) Project at Prairie View A&M University", Presented to Prof. Jude E. Njoku, Chancellor, FUTO, at PVAMU, Sept. 10, 2002.
- 173 "Wavelet Signal Processing for the Advanced Microwave Receiver Technology Development (AMRTD) Project at Prairie View A&M University", Presented to Scott Briles of Los Alamos National Lab, PVAMU, August 14, 2002.
- 174 Broadband Access Technologies Laboratory and Center Development for Research & Instruction at Prairie View A&M University, Key Proposal Areas Report, *On the Occasion of Ribbon Cutting*, Presented at PVAMU, May 15, 2002.
- 175 "Quantitative Performance Image Analysis Using Different Wavelet Filter Taps." Proc. ICSPAT, Dallas, Texas, October 12-16, 2000.
- 176 "On the Novel Development of a Hybrid-Based Wavelet and Fractal Image Segmentation", Proc. ICSPAT, Orlando, Florida, November 1-4, 1999.

- 177 "Implementation of Wavelet-Based Solutions to Signal Processing Applications", Proc. DSP World & ICSPAT, Toronto, Canada, September 13-16, 1998.
- 178 "TASS Requirements at Algorithm Level Based on Different Standards for ADSL, HDSL, and Cable Modem", Advanced Hardware Architectures, Inc., 1997.
- 179 "The Effects of Different Wavelets on Image Reconstruction," Schlumberger Austin Product Center, Austin, Texas, April 18, 1996; IEEE Southeastcon '96, Tampa, Florida, April 12, 1996.
- 180 "Analysis of Wavelet Image Compression Using Nonorthogonal and Orthogonally Compensated W-Transforms," IEEE Southeastcon '96, Tampa, Florida, April 12, 1996.
- 181 "Performance Evaluation of Multiresolution Image Analysis Using Wavelet Transform," International Association of Science and Technology Development (IASTED), Pittsburgh, Pennsylvania, May 10-12, 1993; Argonne National Laboratory, December 20, 1994.
- 182 "Comparison of Efficiency of Time and Frequency Domain Implementation of Discrete Wavelet Transform," IASTED, Pittsburgh, Pennsylvania, May 10-12, 1993.
- 183 "Wavelets and Fractals: A Comparative Study," IEEE SSAP '92, Victoria, B.C., Canada, October 7-9, 1992.
- 184 "Wavelets and Fractals: An Overview of Their Similarities Based on Application Areas," IEEE SSP '92, Seattle, Washington, October 4-6, 1992.
- 185 "Evaluation and Analysis of a Common Handset for the 5000 Series Cordless Telephones," New Technologies Development Group/Consumer Products Laboratories, AT&T Bell Laboratories, Holmdel, New Jersey, August 1990.
- 186 "Estimation of Large Set of Parameters: A Fuzzy Logic-Based Approach," Modeling and Simulation Conference, Pittsburgh, Pennsylvania, May 1990.
- 187 "Development of an Automatic Range Simulation System for Cordless Telephone," New Technologies Development Group/Consumer Products Laboratories, AT&T Bell Laboratories, Holmdel, New Jersey, August 1989, Norfolk State University IEEE Chapter, October 1989.
- 188 "Circuit Analysis Using SPICE," NASA and SIMNET Summer Institute at the NASA Langley Research Center, July 1987.
- 189 "Utilization of SIG as a Tool for Filter Design," NASA and SIMNET Summer Institute at the NASA Langley Research Center, July 1987.
- 190 "Maximum Overshoot Approximation of a System: A Miniac Modeling and Simulation Technique," Modeling and Simulation Conference, Pittsburgh, Pennsylvania, April 1987.
- 191 "Computer Aided Analog-to-Digital Converter Selection," Instrument Society of America Conference, Houston, Texas, October 1986.
- 192 "Development of a Computer Based Signal Generation Capability for the Masscomp MC-500 Real-Time UNIX Computer System, Interfaced to DSP 32 Single Board Development Station," Service Assurance Systems Technology Development Group, AT&T Bell Laboratories, Red Hill, New Jersey, August 1986.
- 193 "The Effects of Gaussian Noise on PCM Systems: A Modeling and Simulation Technique," Modeling and Simulation Conference, Pittsburgh, Pennsylvania, April 1986.
- 194 "A Modeling and Simulation Technique for Improving the Quality of PCM System Output Signals," IEEE Southeast Conference, Richmond, Virginia, March 1986.
- 195 "A Survey of the Impact of Personal Computers in Electrical Engineering Programs in American Universities," Business Research Group, Hampton University, Norfolk, Virginia, October 1985.
- 196 "The Effects of Uniformly Distributed Random Noise on PCM Systems," Physics and Engineering Club, Norfolk State University, Norfolk, Virginia, October 1985.
- 197 "Analog-to-Digital Converter Selection: Cost and Performance Criteria in Systems," Modeling and Simulation Conference, Pittsburgh, Pennsylvania, April 1984.

