

ENEE 610 Fall 2011 11/10/11

Paper Choices

Name/Paper	Email address	presentation Dates	Commentating dates
Blakslee, Craig Silva		Th 11/03/11 #1 Th 11/17/11 #3	Th 11/03/11 #3 Th 12/01/11 #2
Stephen E. Sussman-Fort and Ronald M. Rudish, "Non-Foster Impedance Matching of Electrically-Small Antennas," IEEE Transactions on Antennas and Propagation, Vol. 57, No. 8, August 2009, pp. 2230 - 2241.			
Elwazeer, Khaled Mohamed		Tu 11/10/11 #2 Tu 12/06/11 #2	Tu 11/01/11 #2 Tu 11/29/11 #3
Manish Goswami and Smriti Khanna, "DC Suppressed High Gain Active CMOS Instrumentation Amplifier for Biomedical Application," Proceedings of the IEEE conference ICETECT 2011, 2011, pp. 747 - 751.			
Ha, Dongheon		Tu 11/01/11 #3 Tu 11/29/11 #1	Tu 11/01/11 #1 Tu 11/22/11 #3
M. Tchagaspanian, P. Villard, B. Dupont, G. Chamming's, J. L. Martin, C. Piste, D. Lattard, C. Chantre, A. Arnaud, JJ. Yon, F. Simoens, and J. L. Tissot, "Design of ADC in 25um pixels pitch dedicated for IRFPA image processing at LETI," Proceedings of SPIE, Vol. 6542, pp. 6542W-1 - 6542W-12.			
Jung, Hyun		Tu 11/08/11 #1 Th 12/08/11 #1	Th 11/03/11 #2 Tu 11/22/11 #1
Vanchai Riewruja & Apinai Rerkratn, "Analog multiplier using operational amplifiers," Indian Journal of Pure & Applied Physics, Vol 48, January 2010, pp. 67 -70. [changed to above 11/11/11] Jingquan Zhang, Yunfeng Chang and Ziwen Xing, "Study on Self-Sensor of Linear Moving Magnet Compressor's Piston Stroke," IEEE Sensors Journal, Vol. 9, No. 2, February 2009, pp. 1544 - 158.			
Kratzmeier, Nicholas Matth		Th 11/03/11 #3 Th 12/01/11 #2	Th 11/03/11 #1 Th 11/17/11 #3
Louis-Francois Tanguay, Mohamad Sawan, and Yvon Savaria, "A Very-High Output Impedance Current Mirror for Very-Low Voltage Biomedical Analog Circuits," Proceedings of the IEEE Conference on ???, 2008, pp. 642 - 645.			
Lin, Shuoxin		Th 11/03/11 #4 Tu 11/22/11 #2	Tu 11/08/11 #3 Tu 11/29/11 #2
P. Xu, Y. L. Wong, T. K. Horiuchi and P. A. Abshire, "Compact floating-gate true random number generator," Electronic Letters, Vol. 42, No. 23, November 9, 2006, pp. ?? [changed to above 10/18/11] Honghao Ji and Pamela A. Abshire, "A CMOS image sensor for low light applications," Proceedings of the IEEE ISCAS 2006, 2006, pp. 1651 - 1654.			
Liu, Guannan		Tu 11/08/11 #2 Tu 12/06/11 #1	Tu 11/01/11 #4 Tu 11/22/11 #2
Chaitanya K. Chjava and Jose Silva-Martinez, "A Frequency Compensation Scheme for LDO Voltage Regulators," IEEE Transactions on Circuits and Systems -, Vol. 51, No. 6, June 2004, pp. 1041 - 1050.			
Lu, Tiantao		Tu 11/01/11 #2 Tu 11/29/11 #3	Tu 11/10/11 #2 Tu 12/06/11 #2

Chengliang Qian, Jordi Parramon, and Edgar Sanchez-Sinencio, "A Micropower Low-Noise Neural Recording Front-End Circuit for Epileptic Seizure Detection," IEEE Journal of Solid-State Circuits, Vol. 46, No. 6, June 2011, pp. 1392 - 1405.			
Murray, Joseph		Tu 11/10/11 #4 RWN Th 11/17/11 #2 RWN	Tu 11/08/11 #4 Th 12/08/11 #3
J. Ramirez-Angulo, R. G. Carvajal, and A. Torralba, "Low Supply Voltage High-Performance CMOS Current Mirror with Low Input and Output Voltage Requirements," IEEE Transactions on Circuits and Systems - II, Vol. 51, No. 3, March 2004, pp. 124 - 129.			
Nguyen, Long Bao		Th 11/03/11 #2 Tu 11/22/11 #1	Tu 11/08/11 #1 Th 12/08/11 #1
A. Sellai, H. Al-Hadhrami, S. Al-Harthy and M. Henini, "Resonant tunneling diode circuits using Pspice," Microelectronics Journal, Vol. 34, 2003, pp. 741 - 745, [changed to above from the following] M. F. Abu El-Yanzeed and Adel A. K. Mohsen, "A Preprocessor for Analog Circuit Fault Diagnosis Based on Prony's Method," AEU International Journal of Electronics Communications, Vol. 57, No. 1, 2003, pp. 16 - 22.			
Srinivasa Raghavan, Seshad		Th 10/27/11 #4 RWN Th 12/08/11 #3	Th 11/10/11 #4 Th 12/08/11 #2 RWN
R. D. Middlebrook and Slobobdan Cuk, "A General Unified Approach to Modelling Switching-Converter Power Stages," Proceedings of the IEEE Power Electronics Specialists Conference, June 1976, Cleveland, pp. 73 - 86. [changed to the above 11/10/11] J. Mahdavi, A. Emaadi, M. D. Bellar, and M. Shsani, "Analysis of Power Electronic Converters Using the Generalized State-Space Averaging Approach," IEEE Transactions on Circuits and Systems - I, Vol. 44, No. 8, August 1997, pp. 767 - 770			
Tang, Yichao		Tu 11/08/11 #4 RWN Th 12/08/11 #2 RWN	Tu 11/10/11 #1 Th 11/17/11 #2
Ali Asghar Ghadimi, Abbas Molavi Daryani, and Hassan Rastegar, "Detailed Modelling and Analysis of a Full Bridge PWM DC-DC Converter," {ref data??} 6 pages.			
Wu, Chensheng		Tu 11/08/11 #3 Tu 11/29/11 #2	Th 11/03/11 #4 Th 12/01/11 #1
Siraphop (Paiboon) Tooprakai and Kobchai Dehjan, "An Electrostatic Discharge Free Bootstrapped BiCMOS Inverter Circuit Based on Parasitic Diode," Journal of Circuits, Systems and Computers, Vol. 17, No. 6, 2008, pp. 1015 - 1025.			
Xia, Jing		Tu 11/01/11 #1 Tu 11/22/11 #3	Tu 11/01/11 #3 Tu 11/29/11 #1
Ghadimipoor Fatemeh and Gharaee Garakani Hossein, "A Noise-Canceling CMOS Low-Noise Amplifier for WiMax," Proceedings of the International Conference on Electronic Devices, Systems and Applications (ICEDSA), 2011, pp. 165 - 169.			
Xie, Ting		Tu 11/01/11 #4 Th 12/01/11 #3	Tu 11/10/11 #3 Tu 12/06/11 #3
Nathan Schemm, Sina Balkir and Michael W. Hoffman, "A Low-power CMOS Front End for Particle Detection Applications," Proceedings of the IEEE Conference on ???, 2008, pp. 1866 - 1869.			
Zang, Faheng		Tu 11/10/11 #1 Th 12/01/11 #1	Tu 11/08/11 #2 Tu 12/06/11 #1

Montree Kumngern, Ponsakrn Saengthong, and Somyot Junnapiya, "DDCC-Based Full-Wave Rectifier," Proceedings of the IEEE 5 <sup>th</sup> International Colloquium on Signal Processing & Its Applications (CSPA), 2009, pp. 312 - 315.			
Zhang, Hui		Tu 11/10/11 #3 Tu 12/06/11 #3	Th 10/27/11 #4 RWN Tu 12/01/11 #3
Ralph Oberhumber and Rahul Prakash, "Low Overshoot, Low Dropout voltage Regulator with Level Detector," Proceedings of the IEEE Conference on (???), 2010, pp. ??? [changed to above 10/27/11]			
Henry Hoang and S. Johnny Fu, "Electrical Network Models for Chassis Fault Current Analysis," Proceedings of the IEEE AC conference, 2005, pp. 1 - 6.			

Number of students = 17