

ENEE 303H Fall 2011 12/06/11

Paper Choices

Name/Paper	Email address	presentation Dates	Commentating dates
Baden, Alexander Dropped		Tu 11/08/11 #1 Th 12/01/11 #1	Th 11/10/11 #3 Th 11/17/11 #1
Lorenzo Turicchia, Bruno Do Valle, Jose L. Bohorquez, William R. Sanchez, Vibith Misra, Lwon Fay, Maziar Tavakoli, and Rahul Sarpeshkar, "Ultralow-Power Electronics for Cardiac Monitoring," IEEE Transactions on Circuits and Systems - I, Vol. 57, No. 9, September 2010, pp. 2279 - 2290.			
Birney, Christopher D		Tu 11/08/11 #4 Tu 11/29/11 #1	Tu 11/08/11 #6 Tu 11/29/11 #2
Shang-Quan Liang, Yong-Sheng Yin, Hong-Hui Deng, Yu-Kun Song and Ming-Lun Gao, "A Low Power Consumption, High Speed Op-amp for a 10-bit 100MSPS Parallel Pipeline ADC," Proceedings of the IEEE Conference on ???, 2008, pp. 818 - 821.			
Engberg, David William		Th 11/10/11 #4 Th 12/08/11 #1	Th 11/10/11 #5 Th 12/08/11 #3
S. C. Chao, "A Generalized Resistor-Transistor Logic Circuit and Some Applications," IRE Transactions on Electronic Computers, Vol. ?, No. ?, March 1959, pp. 8 - 12.			
Fennessy, Brendan J		Th 11/03/11 #1 Th 11/17/11 #1	Tu 11/08/11 #1 Th 11/10/11 #3 [Th 12/01/11 #1]
D. Xie, M. Parameswaran and I Filanovsky, "A Simple CMOS Power Stabilizer for Integrated Sensor Applications," Proceedings of the IEEE Conference CCECE/CCGEI, 1993, pp. 1178 - 1179 [changed to above 10/27/11] Jorg Carls, Frank Ellinger, Ralf Eickhoff, Paulius Sakals, Stefan von der Mark and Silvan Wehrli, "Design of a C-Band CMOS Class AB Power Amplifier for an Ultra Low Supply Voltage of 1.9V," Proceedings of the 2007 SBMO/IEEE MTT-S International Microwave & Optoelectronics Conference (IMOC 2007), pp. 786 - 789. [changed to above 10/25/11] Frank L. Schmid, "A Unique 30-W RMS Stereo Amplifier," IEEE Transactions on Audio and Electroacoustics, Vol. AU-21, No. 1, February 1971, pp. 44 - 49.			
Herpel, Andrew S		Th 11/03/11 #5 Tu 11/22/11 #3	Tu 11/08/11 #5 Tu 12/06/11 #1
Phil Corbishley and Esther Rodriguez-Villegas, "A Low Power Low Voltage Rectifier Circuit," Proceedings of the IEEE Conference on ???, 2006, pp. 512 - 515.			
Hou, Jonathan M		Tu 11/08/11 #2 Tu 11/22/11 #2	Th 11/10/11 #2 Tu 11/29/11 #3
sC. Peters, O. Kessling, F. Henrici, M. Ortmanns, and Y. Manoli, "CMOS Integrated Highly Efficient Full Wave Rectifier," Proceedings of the IEEE Conference on ???, 2007, pp. 2415 - 2418.			
Lomke, Corey Michael		Th 11/03/11 #6 Th 12/01/11 #3	Th 11/03/11 #3 Th 12/01/11 #1 [moved from Tu 11/22/11 #1]
Qiuyun Fu, Nicolas Gay, Cristian Bansleben, Ralf Hildebrand, Micheal Heiss, Alexander Tuerke, Wolf-Joachim Fischer, "Optimization of the NMOS and PMOS Gate Cross-connected Rectifier for RF Power Extraction in RFID Applications," Proceedings of the IEEE Conference on ???, 2008, 4 pages.			

Paruchuri, Vineet Kumar		Th 11/03/11 #4 RWN Th 12/08/11 #2 RWN	
Robless, Cosmas Richard		Tu 11/08/11 #3 Th 12/01/11 #2	Th 11/10/11 #1 RWN Tu 12/06/11 #3 RWN
Pradeep Basappa Khannur, Xuesong Chen, Dan Lei Yan, Dan Shen, Bin Zhao, M. Kumrasamy Raja, Ye Wu, Bendra Sindunata, Wooi Gan Yeoh, and Rajiner Singh, "A Universal UHF RFID Reader IC in 0.18-um CMOS Technology," IEEE Journal of Solid-State Circuits, Vol. 43, No. 5, May 2008, pp. 1146 - 1155.			
Segreti, Sean Michael		Th 11/10/11 #2 Tu 11/22/11 #2	Tu 11/08/11 #2 Tu 11/22/11 #2
B. Y. Kim, O. S. Kwon, and J. H. Bang, "The Design of the High Speed Amplifier Circuit for Using in the Analog Subsystems," {ref. data?} pp. 485 - 488. [changed to the above from the following] Yuh-Kuang Tseng and Chung-Yu Wu, "A 1.5-V Differential Cross-Coupled Bootstrapped BiCMOS Logic for Low-Voltage Applications," IEEE Journal of Solid-State Circuits, Vol. 33, No. 10, October 1998, pp. 1576 - 1579.			
Steinhardt, John Paul Step		Th 11/10/11 #5 Th 12/08/11 #3	Th 11/10/11 #4 Th 12/08/11 #1
Hao Zhang, Xing Liu, Na Li, and T. Aaron Gulliver, "A Novel UWB Pulse Generator," Proceedings of the IEEE Conference on ??? 2011, pp. 691 - 695. [change to above 12/06/11] C. Laoudias and C. Psychalinos, "Low-voltage CMOS adjustable current mirror," Electronics Letters, Vol. 46, No. 2, January 21, 2010, pp. ??. [changed to above 11/10/11] D. D. Tang and Paul M. Solomon, "Bipolar Transistor Design for Optimized Power-Delay Logic Circuits," IEEE Journal of Solid-State Circuits, Vol. SC-14, No. 4, August 1979, pp. 679 - 684			
Vogel, Jay L		Th 11/03/11 #3 Th 12/01/11 #1 [moved from Tu 11/22/11 #1]	Th 11/03/11 #6 Th 12/01/11 #3
Diego Vazquez, Jose L. Huertas, and Adoracion Rueda, "Reducing the Impact of DFT on the Performance of Analog Integrated Circuits: Improved SW-OPAMP Design," Proceedings of the IEEE 14 th VLSI Test Symposium, 1996, pp. 42 - 47.			
Welsh, John Bradford		Tu 11/08/11 #6 Tu 11/29/11 #2	Tu 11/08/11 #4 Tu 11/29/11 #1
Z. Czarnul, and Y. P. Tsvividis, "Implementation of MOSFET-C Filters Based on Active RC Prototypes," Electronics Letters, Vol. 24, No. 3, February 4, 1988, pp. 184 - 185.			
Wenger, Garrett John		Tu 11/08/11 #5 Tu 12/06/11 #1	Th 11/03/11 #5 Th 11/22/11 #3
Chrisian Peters, Jonas Handwerker, Dominic Maurath, and Yiannos Manoli, "A Sub-500 mV Highly Efficient Active Rectifier for Energy Harvesting Applications," IEEE Transactions on Circuits and Systems - I, Vol. 58, No. 7, July 2011, pp. 1542 - 1550.			
Werner, Kyle Anthony		Th 11/10/11 #3 Th 12/06/11 #3	Th 11/03/11 #1 Th 12/06/11 #2
Roberto Aparicio and Ali Hajimiri, "A Noise-Shifting Differential Colpitts VCO," IEEE Journal of Solid-State Circuits, Vol. 37, No. 12, December 2002, pp. 1728 - 1736.			

Ye, Yicheng		Th 11/10/11 #1 Tu 12/06/11 #2 RWN	Tu 11/08/11 #3 Th 12/01/11 #2 RWN
Xiaohong Peng, Willy Sansen, Ligang Hou, Jinhui Wang, and Wuchen Wu, "Impedance Adapting Compensation for Low-Power Multistage Amplifiers," IEEE Journal of Solid-State Circuits, Vol. 46, No. 2, February 2011, pp. 445 - (448+??).			

Number of students = 16