

ENEE 610 Fall 2015 11/17/15			
Paper Choices			
Name/Paper		presentation Dates	Commentating dates
Chung, Jooik		Tu 11/03/15 a) Tu 12/01/15 b)	Tu 12/01/15 a)
Md Shahed Enamul Quadir, Mohammad Rafiqul Haider Yehia Massoud, "A Low-Power Low-Noise Bioamplifier for Multielectrode Neural Recording Systems," Proceedings of the IEEE Conference on ???, 2012, pp. 2557 - 2560.			
Fu, Ziyuan		Th 10/29/15 a) Tu 11/17/15 a)	Tu 11/24/15 c)
Hafez Fouad, Essam El-Diwany, Khalid Sharaf and Hadia El-Hennawy, "High Frequency Noise Simulation of MOSFETs Short Channel Effects Using PSpice," Proceedings of the 19 <sup>th</sup> National Radio Conference, Alexandria, March 2002, pp. 458 - 466.			
Han, Chang-Mu		Tu 11/10/15 a) Th 11/19/15 d)	Tu 11/17/15 c)
Remzi Arslanalp, Erkan Yuce, and Abdullah T. Tola, "Low-component count BJT technology-based current-controlled tunable resistors and their applications," IET Circuits and Systems, October 2012, <a href="http://www.ietdl.org">www.ietdl.org</a> , 9pp.			
He, Mingxi		Th 11/05/15 c) Th 12/03/15 a)	To 12/01/15 d)
Chandra Shetty, "A Quick and Simplified Approach for Understanding the Dynamics of the SEPIC Converter for Low Voltage Applications: Simulation Study," Proceedings of the 2 <sup>nd</sup> International Conference on Innovations in Information, Embedded and Communication Systems, IEEE 2015, 4 pages. [changed to above 11/03/15] Hassan O. Elwan and Ahmed M. Soliman, "Low-Voltage Low-Power CMOS Current Conveyers," IEEE Transactions on Circuits and Systems - I, Vol. 44, No. 9, September 1997, pp. 828 - 855.			
Hyland, Michael R		Tu 10/27/15 c) Tu 11/17/15 b)	Th 11/12/15 a)
Yichao Tang and Alireza Khaligh, "Miniaturized Bridgeless High Frequency Resonant AC-DC Step-Up/Step-Down Converters," IEEE Transactions on Power Electronics, Vol. 29, No. 12, December 2014, pp. 6518 - 6533.			
Jambunatha Ramani, Karthik		Th 10/29/15 d) Tu 11/24/15 d)	Th 11/19/15 a)
Gabriel Chindris, Ovidiu Pop, Grama Alin and Floin Hurgoi, "New PSpice model for Power MOSFET devices," Proceedings of the 24 <sup>th</sup> International Spring Seminar on Electronics Technology, Calimanesti-Caciulata, Romania, 2001, pp.158 - 162.			
La Rosa, Paul Daniel		Tu 10/27/15 b) Th 11/12/15 a)	Tu 11/17/15 b)
T. Horiuchi, T. Swindell, D. Sander and P. Abshire, "A Low-Power CMOS Neural Amplifier with Amplitude Measurements for Spike Sorting," Proceedings of the Conference on ???, pp. ??? [4pp]			
Lan, Jun		Tu 11/10/15 b) Tu 11/24/15 b)	Tu 12/01/15 b)
Adirek Jaantakun, Nitiphat Pisutthipong, and Montree Siripuchyamun, "An Active-only High Output-impedance Current-mode Universal Biquad Filter and Quadrature Oscillator Based on Lossless Differentiators," [source data ???]			

Li, Erjia		Tu 10/27/15 d) RWN Tu 11/17/15 d)	Th 12/03/15 b)
M D. Muhamad, M. R. Sahid, A. H. M. Yatim, N. R. N. Idris and M. S. Ayob, "Design of Power Stage and Controller for DC-DC Converter Systems Using PSpice," Proceedings of IEEE PEDS, 2005, pp. 903 - 908. [changed from 09/22] Humberto H. Cardoso, Rodrigo N. Marques, and Henrique A. C. Braga, "Parameter Estimation for a New Pspice Fluorescent Lamp Model Based on the Exponential Function," Proceedings of the IEEE Conference on ???, 2003, pp. 500 - 505.			
Luo, Hua		Th 11/05/15 e) Th 12/03/15 d)	Th 12/03/15 c)
M. Naimul Hasan and Kye-Shin Lee, "A Wide Linear Output Range Biopotential Amplifier for Physiological Measurement Frontend," IEEE Transactions on Instrumentation and Measurement, Vol. 64, No. 1, January 2015, pp. 120 - 131.			
Mazzoni, Alexander		Tu 11/03/15 d) Tu 12/01/15 d)	Tu 11/17/15 d)
Sungwon Moon, Kwangrock Jung, Konggyun Park, H Jin Km, Chang-Won Lee, Chan Wook Baik, and Jong Min Kim, "Intrinsic high-frequency characteristics of graphene layers," New Journal of Physics, Vol. 12, 2010, pp. 1 - 10.			
Narayan, Amith Hulikal		Tu 11/10/15 e) Th 11/19/15 b)	Th 11/19/15 c)
Mina Kim and Christopher M. Twigg, "A Ramp Converter Approach to Rank Modulation," IEEE Transactions on Circuits and Systems - II: Express Briefs, Vol. 62, No. 9, September 2015, pp. 866 - 870.			
Nouketcha, Franklin L		Tu 11/03/15 c) Th 11/19/15 a)	Tu 11/17/15 a)
R. Haroun, A. El Aroudi, A. Cid-Pastor, and L. Martinez-Salamero, "Syntkesis of a Power Gyrator based on Sliding Mode Control of Two Cascaded Boost Converters Using a Single Sliding Surface," Proceedings of the 10 <sup>th</sup> International Multi-Conference on Systems, Signals & Devices, Hammamet, Tunisia, March 18-21, 2013, 6pp. [changed to above 11/12/15] Hussein Al-Masri, Fahad Alhuwaishel, Fahad Alismail, Sinan Sabeeh, H. Kanakri, and M. Ehsani, "Application of Gyrator Concept to Control and Operation of Boost Converter," Proceedings of the IEEE 15 <sup>th</sup> International Conference on Environment and Electrical Engineering (EEEIC), June 10-13, 2015, pp.272-277.			
Phillips, Matthew William		Tu 10/29/15 b) Th 11/12/15 d)	Tu 11/24/15 a)
Yang Lu, Kiat Seng Yeo, Alper Cabuk, Jianguo Ma, Manh Anh Do and Zhenghao Lu "A Novel CMOS Low-Noise Amplifier Design for 3.1 to 10.6 GHz Ultra-Wide-Band Wireless Receivers," IEEE Transactions on Circuits and Systems - I: Regular Papers, Vol. 53, No.. 8, August 2006, pp. 1683 - 1692.			
Stine, Justin Matthew		Th 10/29/15 e) Tu 12/01/15 a)	Tu 11/24/15 d)
Yun Huang, Peng Zhang, and Weifen Zhao, "Novel Grid Multiwing Butterfly Chaotic Attractors and Their Circuit Design," IEEE Transactions on Circuits and Systems -II, Vol. 62, No. 5, May 2015, pp. 496 - 500.			
Tang, Priscilla Yee		Tu 11/10/15 e) Th 11/19/15 c)	Th 11/19/15 b)
Mohsen Mollazadeh, Kartikeya Murari, Gert Cauwenberghs, and Nitish Thakar, "Micropower CMOS Integrated Low-Noise Amplification, Filtering, and Digitization of Multimodal Neuropotentials," IEEE Transactions o Biomedical Circuits and Systems, Vol. 3, No. 1, February 2009, pp. 1 - 10. [changed to above, 11/08/15] Golsa Moayeri Pour, Mohammad K. Benyhesan, and Walter D. Leon-Salas, "Energy Harvesting Using Substrate Photodiodes," IEEE Transactions on Circuits and Systems - II, Express Briefs, Vol. 61, No. 7, July 2014, pp. 501 - 505.			

Wan, Man		Tu 10/27/15 a) Th 11/12/15 b)	Th 11/12/15 c)
Pietro Andreani, Andrea Bonfanti Luca Romano and Carlo Samori, "Analysis and Design of a 1.8-GHz CMOS LC Quadrature VCO," IEEE Journal of Solid-State Circuits, Vol. 37, No. 12, December 2002, Vol. 37, No. 12, December 2002, pp. 1737 - 1747.			
Wang, Bohan		Tu 11/03/15 e) Tu 11/24/15 a)	Th 11/12/15 d)
Behzad Razavi, "A 1.8GHz CMOS voltage-controlled oscillator," Digest of Papers, 433 <sup>rd</sup> Solid State Circuits Conference, 1997, pp. ???			
Wen, Chenxi		Th 11/05/15 a) Th 12/03/15 c)	Th 12/03/15 d)
Lars Keuninckx, Guy Van der Sande and Jan Dancknert, "Simple Two-Transistor Single-Supply Resistor-Capacitor Chaotic Oscillator," IEEE Transactions on Circuits and Systems - II, Vol. 62, No. 9, September 2015, pp. 891 - 895.			
Xie, Da		Tu 11/10/15 c) Th 12/03/15 b)	Tu 12/01/15 c)
Marian K. Kazimierczuk and Antonio Massarini, "Feedforward Control of DC-DC PWM Boost Converter," IEEE Transactions on Circuits and Systems -I, Vol. 44, No. 2, February 1997, pp. 143 - 148. [changed to above 11/10/15] L. Salazar and G. Joos, "PSPICE Simulation of Three-Phase Inverters by Means of Switching Functions," IEEE Transactions on Power Electronics, Vol. 9, No. 1, January 1994, pp. 35 - 42.			
Zhang, Zeyu		Tu 11/03/15 b) Th 11/12/15 c)	Th 11/12/15/b)
Iman Madadi, Massoud Tohidian and Robert Bogdan Staszewski, "Analysis and Design of I/Q Charge-Sharing Band-Pass-Filter for Superheterodyne Receivers," IEEE Transactions on Circuits and Systems - I, Vol. 62, No. 8, August 2015, pp. 2114 - 2121.			
Zhang, Zidu		Th 10/29/15 c) Tu 12/01/15 c)	Tu 11/24/15 b)
Haiying Huang, and Daniel Paramo, "Broadband Electrical Impedance Matching for Piezoelectric Ultrasound Transducers," IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 58, No. 12, December 2011, pp. 2699 - 2707.			
Zheng, Bowen		Th 11/05/15 d) Tu 11/24/15 c)	Th 12/03/15 a)
Mohamed O. Shaker, Soliman A. Mahmoud and Ahmed M. Solimman, "NEW COS Fully Differential Transconductor and Its Application," Proceedings of the IEEE Conference on ???, 2006, pp. 77 - 80. [changed to above 11/17/15] Mohammed M. Fahmy and Soliman A. Mahmoud, "A CMOS Complex Gm-C Filter for Low-IF Bluetooth Receiver," Proceedings of the 2008 International Conference on Microelectronics, 2008, pp. 78 - 81.			
Zou, Shenli		Th 11/05/15 b) Tu 11/17/15 c)	Th 11/19/15 d)
Bo Yang, Fred C. Lee, Alpha J. Zhang, and Guisong Huang, "LLC Resonant Converter for Front End DC/DC Conversion," IEEE Conference on ???, 2002, pp. 1108 - 1112. [changed from 10/29/15] Nurul Arfah, A. H. M. Zahirul Alam and Sheroz Khan, "CMOS Op amp Testing for Capacitive Measuring Systems Application," Proceedings of the RSM2011, Kota Kinabalu, Malaysia, pp. 177 - 181.			

Number of students = 24