

ENEE 610 Fall 2014 12/03/14			
Paper Choices			
Name/Paper		presentation Dates	Commentating dates
Addissie, Bisrat Demeke		Th 11/06/14 a) Th 11/20/14 a)	Th 11/06/14 b) Tu 11/18/14 a)
J. Zhou, G. Zhang and M. J. Lancaster, "Passive microwave filter tuning using bond wires," IET Microwave and Antenna Propagation, Vol. 1, No. 3, 2007, pp. 567 - 571.			
Alexander, Ashish		Th 10/30/14 d) Th 11/20/14 c)	Tu 11/11/14 c) Th 12/04/14 b)
Yu Gu, Donglai Zhang, and Zhongyang Zhao, "Input Current Ripple Cancellation Technique for Boost Converter Using Tapped Inductor," IEEE Transactions on Industrial Electronics, Vol. 61, No. 10, October 2014, pp. 5323 - 5333.			
Chu, Sangwook		Th 11/13/14 a) Th 12/04/14 a)	Th 11/06/14 d) Tu 11/25/14 c)
Vruno Do Valle, Christian T. Wentz, and Rahul Sarpeshkar, "An Area and Power-Efficient Analog Li-Ion Battery Charger Circuit," IEEE Transactions on Biomedical Circuits and Systems, Vol. 5, No. 2, April, 2011, pp. 131 - 137.			
Cui, Yumeng		Th 11/13/14 d) Th 11/20/14 b)	Tu 11/11/14 d) Th 11/25/14 a)
Andrea Bevilacqua, and Ali M. Niknejad, "An Ultrawideband CMOS Low-Noise Amplifier for 3.1 - 10.6 - GHz Wireless Receivers," IEEE Journal of Solid-State Circuits, Vol. 39, No. 12, December 2004, pp. 2259 - 2268.			
Farooqui, Umar Ahmed		Th 11/06/14 b) Tu 12/02/14 b)	Th 11/13/14 c) Th 12/04/14 c)
Branko Dokic and Aleksandar Pajkanovic, "Subthreshold Operated CMOS Analytic Model," Proceedings of the IX Symposium on Industrial Electronics, INDEL 2012, Banja Luka, November 01-02, 2012, pp. 65 - 70.			
Gurel, Nil Zeynep		Tu 11/11/14 a) Tu 12/02/14 a)	Tu 11/04/14 c) Tu 11/18/14 c)
Andras Timar and Marta Rinez, "Design issues of a low frequency low-pass filter for medical applications using CMOS technology," IEEE 2007, 4 pages.			
Han, Hongzhao		Th 11/13/14 c) Th 12/04/14 c)	Th 11/06/14 a) Tu 12/02/14 b)
Ankur Jain, Robert E. Jones, Ritwik Chatterjee and Scott Pozder, "Analytical and Numerical Modeling of the Thermal Performance of Three-Dimensional Integrated Circuits," IEEE Transactions on Components and Packaging Technologies, Vol. 33, No. 1, March 2010, pp. 56 - 63.			
He, Peiwen		Tu 11/11/14 d) Tu 11/25/14 a)	Tu 11/04/14 a) Tu 11/18/14 b)
Tse-Ju Liao, Chia-Chieh Hung, and Chern-Lin Chen, "Source switching circuit with low-gate-driving loss in high-voltage buck light emitting diode driver," IET Power Electronics, Vol. 6, No. 4, 2013, pp. 663 - 671.			
Li, Honglei		Th 11/06/14 d) Tu 11/25/14 b)	Th 11/13/14 a) Th 12/04/14 a)
Nik Din Muhamad and Junaidi Abdul Aziz, "Simulation of Power Electronic Converters with Sliding Mode Control Using PSpice," Proceedings of the 2 nd IEEE International Conference on Power and Energy, Johor Baharu, Malaysia, December 1-3, 2008, pp. 231 - 236.			
Liu, Boyang		Th 11/06/14 c) Tu 11/25/14 c)	Th 11/13/14 d) Th 11/20/14 b)

Sachin Jain and Vivek Agarwal, "High Gain, High Efficiency DC-DC Converter with Soft Switching Feature," OEEE 2011. [. 001428 - 001433.			
Liu, Yuntao		Tu 11/04/14 b) Tu 12/02/14 c) RWN	Tu 11/06/14 c) Tu 11/25/14 b)
Omeed Momeni and Ehsan Afshari, "High Power Terahertz and Millimeter-Wave Oscillator Design: A Systematic Approach," IEEE Journal of Solid-State Circuits, Vol;. 46, No. 3, March 2011, pp. 583 - 593.			
Lu, Jiangheng		Tu 11/04/14 a) Tu 11/18/14 b)	Tu 11/04/14 b) Tu 12/02/14 c)
Haoyu Wang, Serkan Dusmez, and Alireza Khaligh, "Design Considerations for a Level-2 On-Board PEV Charger Based on Interleaved Boost PFC and LLC Resonant Converters," IEEE 2013, 8 pages.			
Mallik, Ayan		Tu 11/04/14 c) Tu 11/18/14 c)	Tu 11/11/14 b) Tu 12/02/14 a)
Mariusz Malinowski, Marek Jasinski, and Marian P. Kazmierkowski, "Simple Direct Power Control of Three-Phase PWM Rectifier Using Space-Vector Modulation (DPC-SVM), 'IEEE Transactions on Industrial Electronics, Vol. 51, No. 2, April, 2004, pp.. 447 - 454.			
Paulson, Daniel		Tu 11/11/14 c) Th 12/04/14 b)	Th 11/13/14 b) Th 12/09/14 a)
Liang Dai and Ramesh Harjani, "Design of Low-Phase-Noise CMOS Ring Oscillators," IEEE Transactions on Circuits and Systems - II, Vol. 49, No. 5, May 2002, pp. 328 - 338.			
Serven, Daniel		Th 11/13/14 b) Th 12/09/14 a)	Tu 11/11/14 a) Th 11/20/14 a)
Yu Chen, Yumei Wen and Ping Li, "Characterization of Dissipation Factors in Terms of Piezoelectric Equivalent Circuit Parameters," IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 53, No. 12, December 2006, pp. 2367 - 2374.			
Uma Sankar, Arun Sankar		Tu 11/11/14 b) Tu 11/18/14 a)	Tu 11/04/14 d) Tu 11/20/14 c)
Soumya Shubhra Nag and Santanu Mishra, "Current-Fed Switched Inverter," IEEE Transactions on Industrial Electronics, Vol. 61, No. 9, September 2014, pp. 4680 - 4690.			

Number of students = 16