

ENEE 610 Fall 2013 11/19/13

Paper Choices

Name/Paper		presentation Dates	Commentating dates
Barham, Oliver		Th 11/14/13 #a) Tu 11/26/13 #a)	Th 11/14/13 #b) Tu 11/26/13 #b)
Ali Davoudi, Juri Jatskevich, Patrick L. Chapman, and Alireza Khaligh, "Averaged-Swith Modeling of Fourth-Order PWM DC-DC Converters Considering Conduction Losses in Discontinuous Mode," IEEE Transactions on Power Electronics, Vol. 22, No. 6, November 2007, pp. 2410 - 2415.			
Chen, Xi		Th 11/21/13 #c) Tu 11/26/13 #c)	Th 11/14/13 #d) Tu 12/10/13 #b)
Marian K. Kazimierczuk and Antonio Massarini, "Feedforward Control of DC-DC PWM Boost Converter," IEEE Transactions on Circuits and Systems - I, Vol. 44, N. 2, February 1997, pp. 143 - 148. [changed to above 11/19/13]Zhou Jing, Wan Lixi, Li Jun, Wang Huijuan, Dai Fengwei, Daniel Guidotti, Cao Liqiang, and Yu Daquan, "New de-embedding structures for extracting the electrical parameters of a through-silicon-via pair," Journal of Semiconductors, Vol. 34, No. 4, April 2013, pp. 045004-1 to 045004-7.			
Datta-Chaudhuri, Timir Bar		Tu 11/19/13 #a) Th 12/05/13 #a)	Tu 11/19/13 #d) Tu 12/10/13 #a)
Woradorn Wattanapanitch, Michale Fee, and Rahul Sarpeshkar, "An Energy-Efficient Micropower Neural Recording Amplifier," IEEE Transactions on Biomedical Circuits and Systems, Vol. 1, No. 2, June 2007, pp. 136 - 147.			
Fioramonti, David		Th 11/21/13 #a) Th 12/05/13 #b)	Th 11/14/13 #b) Tu 11/26/13 #a)
Juan Aparici, "A Wide Dynamic Range Square-Law Diode Detector," IEEE Transactions on Instrumentation and Measurement, Vol. 37, No. 3, September 1988, pp. 429 - 433.			
Hsu, Wei-Lun		Th 11/14/13 #d) Tu 12/10/13 #b)	Tu 11/21/13 #c) Tu 11/26/13 #c)
Giacomo Indiveri, Elisabetta Chicca, and Rodney Douglas, "A VLSI Array of Low-Power Spiking Neurons and Bistable Synapses with Spike-Timing Dependent Plasticity," IEEE Transactions on Neural Networks, Vol. 17, No. 1, January 2006, pp. 211 - 221.			
Joh, Jungwoo		Th 11/14/13 #c) Th 12/05/13 #c)	Th 11/21/13 #b) Tu 12/03/13 #a)
Saeid Haghbin, Sonja Lundmark, Mats Alakula, and Ola Carlson, "An Isolated High-Power Integrated Charger in Electrified-Vehicle Applications," IEEE Transactions on Vehicular Technology, Vol. 60, No. 9, November 2011, pp. 4115 - 4126.			
Lee, Kyunghun		Th 11/21/13 #b) Tu 12/03/13 #a)	Th 11/14/13 #c) Th 12/05/13 c)
Mihat C. Kisacikoglu, Burak Ozpineci, and Leon M. Tolbert "EV/PHEV Bidirectional Charger Assessment for V2G Reactive Power Operation," IEEE Transactions on Power Electronics, Vol. 28, No. 12, December 2013, pp. 5717 - ???.			
Newby, Robert D R		Tu 11/19/13 #d) Tu 12/10/13 #a)	Tu 11/19/13 #a) Th 12/05/13 #a)
Alireza Zolfaghari and Behzad Razavi, "A Low-Power 2.4-GHz Transmitter/Receiver CMOS IC," IEEE Journal of Solid-State Circuits, Vol. 38, No. 2, February 2003, pp. 176 - 183.			
Serano, Peter		Th 11/24/13 #b) Tu 11/26/13 #b)	Th 11/21/13 #a) Th 12/05/13 #b)

Gyu Moon, Mona Zaghoul, Marc de Savigny and Robert W. Newcomb, "Analysis and Operation of a Neural-Type Cell (NTC)," Proceedings of the IEEE conference on ???, ???, pp. 2332 - 2334.			
Shi, Chuan		Tu 11/19/13 #c) Tu 12/03/13 #c)	Th 11/21/13 #d) Tu 12/10/13 #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, [reference data ???]			
Xiao, Ziyang		Tu 11/19/13 #b) Tu 12/03/13 #b)	Tu 11/19/13 #c) Th 12/03/13 #c)
Y. C. Hsu and N. B. Le, "Equivalent electrical network for performance characterization of Piezoelectric peristaltic micropump," Micro and Nano ???, 2009, pp. 237 - 248.			
Xu, Qifei		Th 11/21/13 #d) Tu 12/10/13 #c)	Tu 11/19/13 #b) Tu 12/03/13 #b)

Number of students = 11