

ENEE 610 Fall 2019 10/25 - 11/07/19			
Paper Choices			
Name/Paper		presentation Dates	Commentating dates
Alimardani, Fatemeh		Th 11/07/19 b) Tu 11/14/19 b)	Tu 11/14/19 a)
Ramë Likaja, Ahmet Shalaa and Mirlind Bruq, "Application of Graph Theory to find Optimal Paths for the Transportation Problem," International Journal of Current Engineering and Technology ISSN 2277 - 4106, Vol.3, No.3, August 2013, pp. 1099 - 1103.			
Carvalho, Jessica Romeiro		Tu 11/05/19 c) Th 11/14/19 a)	Th 11/14/19 b)
Hou Rui and Cao Taibin, "Y Parameter Matrix and Calculation Method Built for Multi-port Based on Graph Theory," 2011, pp. 621 - 623, IEEE e-paper.			
Chowdhury, Sayma Nowshin		Tu 11/05/19 g) RWN Tu 11/12/19 c) RWN	Tu 11/12/19 a)
Masashi Kawaguchi and Takashi Jimbo, "Analog Learning Neural Network using Multiple and Sample Hold Circuits," Proceedings of the 2012 IEEE/ACIS 11th International Conference on Computer and Information Science, IEEE e-paper, pages 243 - 246.			
Duong, Marilyn		Tu 11/05/19 f) RWN Th 11/14/19 c) (11/07 change)	Tu 11/19/19 a) RWN
Chaitanya K. Chava and Jose Silva-Martinez, "A Frequency Compensation Scheme for LDO Voltage Regulators, IEEE Transactions on Circuits and Systems-I, Vol. 51, No. 6, June 2004, pp. 1041 - 1050			
Ghabech, Chayban Mikhael		Th 11/07/19 d) Th 11/26/1 b)	Tu 11/21/19 a) RWN
M. N. Kheraluwala, R. W. Gascoigne, D. M. Divan and E. D. Baumann, "Performance characterization of a high-power dual active bridge DC-to-DC converter," IEEE Transactions on Industry Applications, vol. 28, no. 6, pp. 1294-1301, Nov.-Dec. 1992. doi: 10.1109/28.175280 [updated to above 09/11/19] Amit Kumarajpandian Avyanar, "PWM Control of Dual Active Bridge: Comprehensive Analysis and Experimental Verification," IEEE Transactions on Power Electronics, Vol. 26, No. 4, April 2011, pp. 1215 - 1227.			
Hasnain, Arafat		Th 11/07/19 e) Tu 11/26/19 a)	Tu 11/26/19 c)
Qingyun Huang and Alex Q. Huang, "Review of GaN Totem-Pole Bridgeless PFC," CPSS TRANSACTIONS ON POWER ELECTRONICS AND APPLICATIONS, VOL. 2, NO. 3, SEPTEMBER 2017, pp. 187 - 196. (CPSS=China Power Supply Society)			
Karunathilake, Imiya Mudiya		Th 11/07/19 c) Tu 11/21/19 b)	Tu 11/21/19 c)
W Peasgood, L A Dissado, C K Lam, A Armstrong and W Wood, "A novel electrical model of nerve and muscle using Pspice," J. Phys. D: Appl. Phys. 36 (2003) 311-329.			
Nanal, Chinmay Shridhar		Th 11/07/19 g) Tu 11/26/19 c)	Tu 11/26/19 a)
Antony K Peter, Amalraj P M, Bobby Philip, and Jaison Mathew, "Design and Analysis of an AC-DC LLC Resonant Converter with New Bus Voltage Stabilization Technique," Proceedings of the 2017 IEEE Transportation Electrification Conference (ITEC-India, IEEE e-paper, 5 pages.			

Noorani, Erfan		Tu 11/05/19 a) Th 11/21/19 a)	Tu 11/19/19 b) RWN
Tholom Kiely and Georges Gielen, "Performance Modeling of Analog Integrated Circuits using Least-Squares Support Vector Machines," Proceedings of the Design, Automated and Test in Europe Conference and Exhibition (DATE'04), 2004, 6pages, IEEE e-paper.			
Pedowitz, Michael D		Tu 11/05/19 d) Tu 11/19/19 a)	Tu 11/19/19 c) RWN
I. Angelov, V. Desmaris, K. Dynefors, P.Å. Nilsson, N. Rorsman and H. Zirath, "On the large-signal modelling of AlGaIn/GaN HEMTs and SiC MESFETs," Proceedings of the 13 th GAAS Symposium, Paris 2005, pp. 309 - 312.			
Saha, Uday		Tu 11/05/19 b) Tu 11/12/19 a)	Tu 11/12/19 c)
Daniel S. H. Chan and Jacob C. H. Phang, "Analytical Methods for the Extraction of Solar-Cell Single- and Double-Diode Model Parameters from I-V Characteristics," IEEE Transactions on Electron Devices, Vol. ED-34, No. 2, February 1987, pp. 286 - 293.			
Shen, Yidi		Tu 11/05/19 e) Tu 11/19/19 b)	Tu 11/26/19 b)
Zian Qin, Yi Tang, Poh Chiang loh, Frede Blaabjerg, "Benchmark of AC and DC Active Power Decoupling pages Circuits for Second-Order Harmonic Mitigation in kW-scale Single-Phase Inverters," IEEE e-paper, 2015, pp. 2514 - 2521.			
Suriyarachchi, Chethana Ni		Tu 11/07/19 f) Th 11/21/19 c)	Th 11/21/19 b)
Mohd. Kashif, "Bidirectional Flyback DC-DC Converter for Hybrid Electric Vehicle: Utility, Working and PSPICE Computer Model," 2012 Asia Pacific Conference on Postgraduate Research in Microelectronics & Electronics (PRIMEASIA , BITS Pilani Hyderabad Campus 5th - 7th December 2012, pp. 61 - 66			
Xu, Kezhen		Th 11/07/19 a) Tu 11/19/19 c)	Tu 11/14/19 c)
Krishnamoorthy, Sarayu & Iliadis, Agis, "Properties of high sensitivity ZnO surface acoustic wave sensors on SiO ₂ /(100) Si substrates." Solid-State Electronics. 52. 2008, pp. 1710-1716. 10.1016/j.sse.2008.06.039.			

Number of students = 14