

ENEE 434 Spring 2007 04/25/07 Paper Choices			
Name/Paper	Email address	presentation Dates	Commentating dates
Anderson, Phillip Arthur		M 03/26/07 #6 W 04/04/07 #2	W 04/25/07 #2
02/28/07: G. Pajares, "A Hopfield Neural Network for Image Change Detection," IEEE Transactions on Neural Networks, Vol. 17, no. 5, September 2006, pp. 1250 - 1264.			
Baird, Christopher Wyatt		M 04/02/07 #3 M 04/23/07 #2	W 04/11/07 #2
04/02/07: D. M. Wolpert and R. C. Miall, "Detecting chaos with neural networks," Proceedings of the Royal Society of London, Vol. 242, No. ??, 1990, pp. 82 -86			
Berg, Stuart Emerson		M 03/26/07 #2 M 04/09/07 #1	W 04/25/07 #1
P. Venkataram, S. Ghosal and B. P. V. Kumar, "Neural network based optimal routing algorithm for communication networks," Neural Networks, Vol. 15, 2002, pp. 1289 - 1298.			
Bhat, Sanjay		M 03/26/07 #3 W 04/25/07 #1	M 04/09/07 #1
04/25/07: Y. Yoon and G. Swales, "Predicting Stock Price Performance: A Neural Network Approach," Proceedings of the ??? (IEEE Conference on>>), 1991, pp. 156 - 161			
Cardenas, Pathros Omar		M 03/26/07 #4 M 04/16/07 #2	W 04/18/07 #2
R. Sharaf and A. Noureldia, "Sensor Integration for Satellite-Based Vehicular Navigation Using Neural Networks," IEEE Transactions on Neural Networks, 2007, pp. 1 - 6.			
Chang, Charles Seoungmin		M 04/02/07 #4 W 04/25/07 #2	M 04/30/07 #1
H. M. El-Bakry and Q. Zhao, "Fast Time Delay Neural Networks," International Journal of Neural Systems, Vol. 15, No. 6, 2005, pp. 445 - 455.			
Elliott, Timothy Stuart		[-]W 03/28/07 #5 M 04/09/07 #2	M 04/23/07 #1
04/09/07: X. Yu, N. K. Loh, G. A. Jullien and W. C. Miller, "Modified Backpropagation Algorithm for Training the Multilayer Feedforward Neural Networks with Hard-limiting Neurons," Proceedings of CCECE/CCGEI'93, city ???, 1993, pp. 473 - 476.			
Ergueta, Maria		M 03/26/07 #1 W 05/02/07 #1	W 05/02/07 #2
L. Nanni and A. Lumini, "Ensemblator: An ensemble of classifiers for reliable classification of biological data," Pattern Recognition Letters, Vol. 28, 2007, pp. 622 - 630.			
Fanaeian, Navid		W 03/28/07 #6 W 05/02/07 #2	M 04/16/07 #1
W. Richards, H. S. Seung, and G. Pickard, "Neural voting machines," Neural Networks, Vol. 19, 2006, pp. 1161 - 1167.			
Fjeldheim, Zachary		M 04/02/07 #5 M 04/30/07 #2	W 04/11/07 #1
M. Kamo, T. Kubo and Y. Iwasa, "Neural network for female mate preference trained by a genetic algorithm," Philosophical Transactions of the Royal Society of London - B, Vol. 353, 1998, pp. 399 - 406			
Grenier, Matthew Christoph		W 03/28/07 #2 W 04/11/07 #2	M 04/23/07 #2

R. Kamimura, "Teacher-Directed Information Maximization: Supervised Information-Theoretic Competitive Learning with Gaussian Activation Functions," Proceedings of the IEEE Conference on ???, city ???, 2004, pp. 2831 - 2836. Replaces the following 03/28/07: O. Naess, S. Aunet and Y. Berg, "Low-Voltage Pseudo Floating-Gate Reconfigurable Linear Threshold Elements," Proceedings of the International Joint Conference on Neural Networks, Montreal (Canada), July 31 - August 4, 2005, pp. 1 - 6???			
Kang, David Keywon		W 03/28/07 #4 W 04/18/07 #2	W 04/04/07 #1 ->W 04/23/07 #1
M. Han, L. Cheng and H. Meng, "Application of Four-layer Neural Network on Information Extraction," Proceedings of the IEEE conference on ???, city???, 2003, pp. 2146 - 2151. Replaces the following, 03/28/07: S.-C. B. Lo, S.-L. A. Lou, J.-S. Lin, M. T. Freedman, M. V. Chien and S. K. Mun, "Artificial Convolution Neural Network Techniques and Applications for Lung Nodule Detection," IEEE Transactions on Medical Imaging, Vol. 14, No. 4, December 1995, pp. 711 - 718.			
Knudson, Mary Leigh		W 03/26/07 #1 W 04/09/07 #1	W 05/02/07 #1
E. W. Saad and D. C. Wunsch II, "Neural network explanation using inversion," Neural Networks, Vol. 20, 2007, pp. 78 - 93.			
Martinez, Michael T		[-]M 03/26/07 #5 W 04/18/07 #1	W 04/04/07 #1
Pearson, Erik Clifford		M 03/26/07 #7 [-]W 04/04/07 #1	W 04/23/07 #1
Peel, Kevin William		W 03/28/07 #3 M 04/30/07 #3	W 05/02/07 #2
Smith, Darrell Keith		M 04/02/07 #2 M 04/16/07 #1	M 04/16/07 #2
A. Savran, "Multifeedback-Layer Neural Network," IEEE Transactions on Neural Networks, Vol. ???, No.???, 2007, pp. 1 - 12. Replaces the following 04/02/0&: Z.-G. Hou, M. M. Gupta, P. N. Nikiforuk, M. Tan and L. Cheng, "A Recurrent Neural Network for Hierarchical Control of Interconnected Dynamic Systems," IEEE Transactions on Neural Networks, 2006, pp. 1 - 16.			
Somerville, Michael Edward		M 04/02/07 #1 M 04/23/07 #1	M 04/09/07 #2
03/27/07: Z. Hasiewicz, "Modular neural networks for non-linearity recovering by the Haar approximation," Neural Networks, vol. 13, 2000, pp. 1107 - 1133.			
Waldorf, Michael Leonard		M 04/02/07 #6 M 04/30/07 #1	M 04/30/07 #3
D. A. Jimenez and C. Lin, "Neural Methods for Dynamic Branch Prediction," ACM Transactions on Computer Systems, Vol. 20, No. 4, November 2002, pp. 369 - 397.			

Number of students = 19