

ENEE 434 Spring 2006 - 04/26/06 - 05/08/06

Paper Choices

Name/Paper	Email address	presentation Date	Commentating date
Abbaszadeh, Jaweed Ahmad		#1 W 05/03/06	#3 W 04/05/06
A. Perez-Uribe and E. Sanchez, "Blackjack as a Test Bed for Learning Strategies in Neural Networks," Proceedings of the IEEE {???conference on ??}, (city??), Mo. ??, 1998, pp. 2022 - 2027.			
Adams, Douglas Ryan		#1 M 04/24/06	#3 M 04/24/06
E. Ong and A. Flitman, "Using Neural Networks to Predict Binary Outcomes," 1997 IEEE International Conference on Intelligence Processing Systems, Beijing, October 28-31, 1997, pp. 427 - 431.			
Azad, Salahuddin		#2 M 04/17/06	#1 M 04/17/06
H. Kobayashi and F. Hara, "The Recognition of Basic Facial Expressions by Neural Network," Proceedings of the IEEE Conference on ???, city???, 2005?, pp. 460 - 366. [changed from on 04/24/06] S. Kang and C. Isik, "Partially Connected Feedforward Neural Networks Structured by Input Types," IEEE Transactions on Neural Networks, Vol. 16, No. 1, January 2005, pp. 175 - 185.			
Butts, Shanel Monique		#3 W 04/12/06	#2 W 04/12/06
Y. Xia and J. Wang, "A General Projection neural Network for solving Optimization and Related Problems," Proceedings of the IEEE Conference on ???, 203, pp. 2334 - 2339.			
Carabeo, Lee Walker		#2 M 04/24/06	#1 M 04/24/06
K. Ichiyanagi, H. Kobayashi, T. Matsumura and Y. Kito, "Application of Artificial Neural Network to Forecasting Methods of Time Variation of the Flow rate into a Dam for a Hydro-Power Plant," Proceedings of the 1993 IEEE (??Conference on ??), city???, Month???, 1993, pp. 349 - 354.			
Chen, Roger D		#2 W 04/26/06	#3 W 04/26/06
J. Chen and D. Xu, "An Economic Forecasting System based on Recurrent Neural Networks," Proceedings of the IEEE Conference on ???, city ??, 1998, pp. 1762 - 1767. [changed from this 04/03/06]R. Glasius, A. Koomoda, and S. C. A. M. Gielen, "Neural Network Dynamics for Path Planning and Obstacle Avoidance," Neural Networks, Vol. 8, No. 1, 1995, pp. 125 - 133.			
Combs, Michael David		#3 M 04/24/06	#2 04/24/06
C. Bishop, "A Fast Procedure fr Retraining the Multilayer Perceptron," International Journal of Neural Systems, Vol. 2, No. 3, 1991, pp. 229 - 236. [replaced 03/29/06] B. Lerner, H. Guterman, I. Dinstein and Y. Romem, "Human Chromosome Classification Using Multilayer Perceptron Neural Network," International Journal of Neural Systems, Vol. 6, No. 3, September 1995, pp. 359 - 370.			
Copenhaver, Robert Charles		#2 W 04/19/06	#3 W 04/19/06
M. Sungar and U. Halici, "Optimizing Neural Networks for Playing Tic-Tac-Toe," Proceedings of the ???, city???, year???, pp. IV-513 - IV-518.			
Datta-Chaudhuri, Timir Bar		#3 M 05/01/06	#2 M 05/08/06
H. Javaherian, D. Liu, Y. Zhang and O. Kovalenko, "Adaptive Critic Learning Techniques for Automotive Engine Control," Proceedings of the 2004 American Control Conference, Boston, Jun30-July 2, 2004, pp. 4066 - 4071.			
Finkler, Todd Bennett		#1 M 04/10/06	#1 W 04/12/06
N. Mani and B. Srinivasan, "Application of Artificial Neural Network Model for Optical Character Recognition," Proceedings of the 1997 IEEE (???Conference on ???), city??, month??? 1997, pp. 2517 - 2520.			
Hla, Myat Htet		#3 W 05/03/06	#2 W 05/03/06
R. Z. Shi and T. Horiuchi, "A Summing, Exponentially-Decaying CMOS Synapse for Spiking Neural Systems," (reference data???)			
Hurtado, Percy Domingo		#1 W 04/19/06	#1 M 05/01/06

G. B. Kaplan, I. Gench, C. Guezelish, "A Simple Neural Network System for Wisconsin Card Sorting Test," 2001 Proceedings of the 23 <sup>rd</sup> Annual EMBS International Conference, Istanbul, October 25-28, 2001, pp. 700 - 703.			
Kamara, Mohamed A		#1 W 04/26/06	#1 M 05/08/06
V. G. Red'ko, O. P. Mosalov and D. V. Prokhorov, "A model of evolution and learning," Neural Networks, Vol. 18, Nos. 5-6, July-August 2005, pp. 738 - 745.			
Lafertte, Mario		#3 M 05/08/06	#3 M 04/17/06
[received 05/08/06] S. Wu and M. Vai, "A Massively Parallel Reverse Modeling Approach for Semiconductor Devices and Circuits," Proceedings of the IEEE conference on ???, 1997, paper III-17, pp. 201 - 209. Needs a different paper [rcd 02/22/06 duplicates that of Singh] K. Chellapilla and D. B. Fogel, "Evolving an Expert Checkers Playing Program Without Using Human Expertise," Proceedings of the IEEE Conference (on ???) (city??) 2001, pp. 422 - 427.			
Mokwunye, Joseph Azuka		#1 M 04/03/06	#2 W 04/03/06
H. Nan and Z. Liu, "On Neural Network Method ATM Multicast Switch," Proceedings of the IEEE Conference on ????, [city??], 1996, pp. 845 - 848.			
Mustafa, Imran K		#1 W 04/05/06	#3 M 04/10/06
T. Kondo and A. S. Pandya, "Medical Image Recognition by using Logistic GMDH-type Neural Networks," Proceedings of SICE, Nagoya, July 2001, pp. 259 - 264.			
Orlicki, Peter		#2 N 04/10/06	#1 04/19/06
W. E. Lillo, M. H. Loh, S. Hui, and S. H. Zak, "On Solving Constrained Optimization Problems with Neural Networks: A Penalty Method Approach," IEEE Transactions on Neural Networks, Vol. 4, No. 6, November 1993, pp. 931 - 940. [changed from 03/27/06] M. K. Mehmet Ali and F. Kamoun, "Neural Networks for Shortest Path Computation and Routing in Computer Networks," IEEE Transactions on Neural Networks, Vol. 4, No. 6, November 1993, pp. 941 - 954.			
Pan, I-Ling		#3 W 04/26/06	#2 W 04/26/06
W.-C. Chu, B.-K. Chen, and P.-C. Mo, "Calculation of Transmission System Losses for the Taiwan Power Company by the Artificial Neural Network with Time Decayed Weight," Proceedings of the IEEE 1995 (??Conference on ??? + data??), 1995, pp. 80 - 84.			
Pao, Hua-Lin		#1 M 05/01/06	#1 W 05/03/06
C. Oh, S. H. Zak, and G. Zhai, "Autoassociative Memory Design Using Interconnected Generalized Brain-State-in-a-Box Neural Networks," International Journal of Neural Systems, Vol. 15, No. 3, June 2005, pp. 181 - 196.			
Phillips, Richard David		#3 W 04/19/06	#2 W 04/19/06
W. Shi, J. Yang, and T. Tang, "RBF NN Based Marine Diesel Engine Generator Modeling," 2005 American Control Conference, Portland, June 8-10, 2005, pp. 2745 - 2749.			
Plata, Edd Rianne Larin		#1 M 05/08/06	#1 W 04/26/06
L. A. Cbrera, M. E. Elbuluk, and I. Husain, "Tuning the Stator Resistance of Induction Motors Using Artificial Neural Network," IEEE Transactions on Power Electronics, Vol. 12, No. 5, September 1997, pp. 779 - 787.			
Purohit, Pragya		#3 W 04/05/06	#2 M 04/10/06
M. Narand, D. Zrilich, V. Senk, "Perceptron as BER Estimator," IEEE 5 <sup>th</sup> Seminar on Neural Network Applications in Electrical Engineering, University of Belgrade, Yugoslavia, September 25-27, 2000, pp. 53 - 57.			
Satti, Humam		#1 W 04/17/06	#2 W 04/17/06
C. Eitzinger and H. Plach, "A New Approach to Perceptron Training," IEEE Transactions on Neural Networks, Vol. 14, No. 1, January 2003, pp. 216 - 221.			
Selahvarzi, Mona		#2 M 04/03/06	#1 M 04/03/06
M. Fukumi, S. Omatu, F. Takeda, and T. Kosaka, "Rotation-Invariant Neural Pattern Recognition System with Application to Coin Recognition," IEEE Transactions on Neural Networks, Vol. 3, No. 2, March 1992, pp. 272 - 279.			
Simpson, Charles Hikaru		#2 W 04/05/06	#2 M 05/01/06

E. R. Weeks and J. M. Burgess, "Evolving artificial neural networks to control chaotic systems," [missing reference data - from APS, 1997], pp. 1531 - ?			
Singh, Ramik		#3 M 04/17/06	#3 M 05/08/06
K. Chellapilla and D. B. Fogel, "Evolving an Expert Checkers Playing Program without Using Human Expertise," IEEE Transactions on Evolutionary Computation, Vol. 5, No. 4, August 2001, pp. 422 - 428.			
Springer, David Patrick		#1 W 04/12/06	#1 M 04/10/06
D. N. Zhou, V. Cherkassky, T. R. Baldwin and D. E. Olson, "A Neural Network Approach to Job-Shop Scheduling," IEEE Transactions on Neural Networks, Vol. 2, No. 1, January 1991, pp. 175 - 179.			
Stokely-Collins, Jasmine N		#2 W 04/12/06	#3 W 04/12/06
A. D. Back and A. C. Tsoi, "A Low-Sensitivity Recurrent Neural Network," Neural Computation, Vol. 10, 1998, pp. 165 - 188.			
Tsang, Chun Yu		#2 W 05/03/06	#3 W 05/03/06
J. Capka and R. Boutaba, "Mobility Prediction in Wireless Networks Using Neural Networks," in IFIPs 2004 Proceedings, edited by J. Vicente and D. Hutchinson, pp. 320-333. [changed from the following 04/19/06]X. Z. Gao, S. Valiviita, S. J. Ovaska, and J. Q. Zhang, "Neural Networks-based Approach to the Acquisition of Acceleration from Noisy Velocity Signal," Proceedings of the IEEE Instrumentation and Measurement Technology Conference, St. Paul, MN, May 18-21, 1998, pp. 935 - 939.			
Weru, Rocky James Kiruri		#3 M 04/10/06	#1 W 04/05/06
M. A. Mamun and K. Nagasaka, "Artificial Neural Networks Applied to Long-term Electricity Demand Forecasting," Proceedings of the Fourth International Conference on Hybrid Intelligent Systems (IEEE-Computer Society) (city??) 2004, pp. ???			
Yaari, Rona		#2 M 05/01/06	#2 W 04/05/06
T. Samura and M. Hattori, "Hippocampal Memory Modification Induced by Pattern Completion and Spike-Timing Dependent Synaptic Plasticity," International Journal of Neural Systems, Vol. 15, Nos. 1 & 2, 2005, pp. 13 - 22.			
Zubajlo, Jennifer L		#2 M 05/08/06	#3 M 05/01/06
A. M. Abdelbar and G. A. Tagliarini, "A Hybrid Bayesian Neural Learning Strategy Applied to CONNECT-4," Proceedings of the IEEE Conference on ???, 1998, pp. 402 - 407. [replaced 03/29/06] M. O. Schneider and J. L. Garcia Rosa, "Neural Connect 4 - A Connectionist Approach to the Game," Proceedings of the VII Brazilian Symposium on Neural Networks, city??, month?? 2002. pp. ???			

Number of students = 32