ENEE 434 Paper Choices - Spring 2002

Name/commentating for ==>	email	commented by/ paper
Akinyemi, Adedeji O ==> Ocheni, Patrick	adedeji@wam.umd.edu	Ocheni, Patrick
X. Yao, "Evolving Artificial Neural Networks," Proceedings of the IEEE, Vol. 87, No. 9, September 1999, pp. 1 - 51.		
Anderson, Karl Eric ==> Graham, Carlos	thatguy@wam.umd.edu	Graham, Carlos J'Mal
K. M. C. Tan and B. S. Collie, "Detection and Classification of TCP/IP Network Services," Proceedings of the 1997 Annual Computer Security Applications Conference, San Diego, December 8-12, 1997, pp. 99 - 107		
Bose, Jyotish John ==> Guyton, Philip	jjbose@wam.umd.edu	Guyton, Philip
A. Khotanzad, H. Elragal, and T.-L. Lu, "Combination of Artificial Neural-Network Forecasters for Prediction of Natural Gas Consumption," IEEE Transactions on Neural Networks, Vol. 11, No. 2, March 2000, pp. 464 - 473.		
???? Boules, Caroline Raouf ==> Lum Allen Sien-Choi	caboules@wam.umd.edu	Lum, Allen Sien-Choi
K. Okajima, "An Infomax-based learning rule that generates cells similar to visual cortical neurons," Neural Networks, Vol. 14, No. ??, 2001, pp. 1173 - 1180.		
Brown, Kareem Anwar ==> Huang, Jin (04/02/02)	xaj@wam.umd.edu	McKinney, Stephen Arthur
[03/22/02] X. Zeng and D. S. yeung, "Sensitivity Analysis of Multilayer Perceptron to Input and Weight Perturbations," IEEE Transactions on Neural Networks, Vol. 12, No. 6, November 2001, pp. 1358 - 1366.		
Chiu, Eric Kuan Chang ==> Malatras, Cheryl	echiu@wam.umd.edu	Malatras, Cheryl Louise
T. Horiuchi and K. Hynna, "Spike-based VLSI modeling of the ILD system in echolocating bat," Neural Networks, Vol. 14, 2001, pp. 755 - 762.		
Christian, Constance ==> Rosen, Morris	cjchrist@wam.umd.edu	Rosen, Morris
A. F. R. Araujo and G. de A. Barreto, "Context in Temporal Sequence Processing: A Self-Organizing Approach and Its Application to Robotics," IEEE Transactions on Neural Networks, Vol. 13, No. 1, January 2002, pp. 45 - 57.		
DeWeese, Christopher James ==> Guy, Jeffrey	cdeweese@wam.umd.edu	Guy, Jeffrey Ronald
A. Delorme and S. J. Thorpe, "Face identification using one spike per neuron: resistance to image degradations," Neural Networks, Vol. 14, Nos. 6-7, July 9, 2001, pp. 795 - 803.		
Dudek, Karl H ==> Jackson, Antimmario	khdudek@wam.umd.edu	Jackson, Antimmario Julius
B. Tian, M. A. Shaikh, M. R. Azimi-Sadjadi, T. H. Vonder Haar, and D. L. Reinke, "A Study of Cloud Classification with Neural Networks Using Spectral and Textural Features," ," IEEE Transactions on Neural Networks, Vol. 10, No. 1, January 1999, pp. 138 - 151		
04/02/02 Dropped: Ellis, Andrew David |adellis@wam.umd.edu | Brown,		
[??? No paper]		
Garrison, Scott ==> Lee, Michael Yiming	sgarriso@wam.umd.edu	Lee, Michael Yiming
[??? Need a paper ???]		
Gavlak, Nicole Christiane ==> Kung, Ling-Bing	ncgavlak@wam.umd.edu	Kung, Ling-Bing

S. Y. Foo, L. R. Anderson and Y. Takefuji, "Analog Components for the VLSI of Neural networks," IEEE Circuits and Devices Magazine, Vol. 6, No. 4, July 1990, pp. 18 - 26.		
Graham, Carlos J'Mal ==> Anderson, Karl	cjg@wam.umd.edu	Anderson, Karl Eric
A. Hiramatsu, "ATM Communications Network Control by Neural Networks," IEEE Transactions on Neural Networks, Vol. 1, No. 1, March 1990, pp. 122 - 130		
Graves, Zaminah Denise ==> Nguyen, Hoai-An	zdgraves@wam.umd.edu	Nguyen, Hoai-An
[04/17/02 changed to} S. Fiori, "Blind separation of circularly distributed sources by neural extencded APEX algorithm," Neurocomputing, Vol. 34, September 2000, pp. 239 - 252. [changed from] P. Walter, In. Elsen, H. Muller, and K.-F. Kraiss, "3D Object Recognition with a Specialized Mixtures of Experts Architecture," {????? Needs reference source], 1999, pp. 3563 - 3568.		
Guy, Jeffrey Ronald ==> DeWeese, Christopher	jguy@wam.umd.edu	DeWeese, Christopher James
A. Mitiche, M. Lebidoff, "Pattern classification by a condensed neural network," Neural Networks, Vol. 14, No. ???, May 2001, pp. 575 - 580.		
Guyton, Philip Andrew ==> Bose, Jyotish	pguyton@wam.umd.edu	Bose, Jyotish John
[04/11/02] J. A. Marshall and V. Srikangh, "Curved Trajectory Prediction Using a Self-Organizing Neural Network," International Journal f Neural Systems, Vol. 10, No. 1, February 2000, pp. 59 - 70.		
Hong, Mark Gan Kang ==> Ma, Ling	mhong1@wam.umd.edu	Ma, Ling
A. V. Krishnamoorthy, G. Yayla, and S. C. Esener, "A Scalable Optoelectronic Neural System Using Free-Space Optical Interconnects," IEEE Transactions on Neural Networks, Vol. 3, No. 3, May 1992, pp. 404 - 413.		
Huang, Jin ==> Leung, Wai Ki	jinh@wam.umd.edu	Brown, Kareem (04/02/02)
[04/23/02 changed to} R. Lende, L. P. Cserni and D. Kamp, "Classification of Genetic Sequences with Backpropagation," International Journal of Neural Systems, Vol. 5, No. 3, September 1994, pp. 159 - 163. Changed from: R. J. Schilling, J. J. Carroll, Jr., and A. F. Al-Ajlouni, "Approximation of Nonlinear Systems with Radial Basis Function Neural Networks," IEEE Transactions on Neural Networks, Vol. 12, No. 1, January 2001, pp. 3 - 15.		
Jackson, Antimmario Julius ==> Dudek, Karl	ajjacks@wam.umd.edu	Dudek, Karl H
A. van Schalik, "Building Blocks for Electronic Spiking Neural Networks," Neural Networks, Vol. 14, 2001 [July 2002???], pp. 617 - 628.		
Kaushal, Neeraj Kumar ==> Sharma, Aman	nkaushal@wam.umd.edu	Sharma, Aman
P. A. Bonzalez-Lanza, "A Short-Term Temperature Forecaster Based on a Novel Radial Basis Functions Neural Network," International Journal of Neural Systems, Vol. 11, No. 1, February 2001, pp. 71 - 77.		
Kung, Ling-Bing ==> Gavlak, Nicole	kung@wam.umd.edu	Gavlak, Nicole Christiane
T. Yildirim and J. S. Marsland, "A Conic Section Function Network Synapse and Neuron Implementation in VLSI Hardware," [?????? Needs publication data], IEEE 1996, pp. 974 - 979. Changed 03/19/02 from: J. B. Lont and W. Guggenbul, "Analog CMOS Implementation of a Multilayer Perceptron with Nonlinear Synapses," IEEE Transactions on Neural Networks, Vol. 3, No. 3, May 1992, pp. 457 - 465.		
Lee, Michael Yiming ==> Garrison, Scott	mlee@wam.umd.edu	Garrison, Scott
H. C. Card and C. R. Schneider, "Analog CMOS Neural Circuits - In Situ Leaning," International Journal of Neural Systems, Vol. 3, No. 2, 1992, pp. 103 - 124.		
Leung, Wai Ki	wkleung@wam.umd.edu	Huang, Jin

```
==> McKinney, Stephen Arthur    |
```

C. Lu and B.-X. Shi, "Circuit Realization of a Programmable neuron Transfer Function and Its Derivative," Proceedings of the IEEE-INNS-ENNEs International Joint International Joint Conference on Neural Networks, Como, Italy, July 2000, pp. 47 - 50.

```
Lum, Alan Sien-Choi          | alum@wam.umd.edu | Boules, Caroline Raouf
==> Boules, Caroline          |                  |
```

C. Dioro, P. Hasler, B. A. Minch and C. A. Mead, "A Floating-Gate MOS Learning Array with Locally Computed Weight Updates," IEEE Transactions on Electron Devices, Vol. 44, No. 12, December 1997, pp. 2281 - 2289.

```
Ma, Ling                     | maling12@hotmail.com | Hong, Mark Gan Kang
==> Hong, Mark               |
```

[04/02/02] C.-C. Park and Y.-J. Woo, "Weighted Centroid Neural Network for Edge Preserving Image Compression," IEEE Transactions on Neural Networks, Vol. 12, No. 5, September 2001, pp. 1134 - 1145. Changed from: A. S. Ogrenci, G. Dundar, and S. Balkir, "Fault-Tolerant Training of Neural Networks in the Presence of MOS Transistor Mismatches," IEEE Transactions on Circuits and Systems -II, Vol. 48, No. 3, March 2001, pp. 272 - 280 (??).

```
Malatras, Cheryl Louise      | cmal@glue.umd.edu | Chiu, Eric Kuan Chang
==> Chiu, Eric               |
```

M. Qi, "Predicting US rescessions with leading indicators via neural network models,"International Journal of Forecasting, Vol. 17, 2001, pp. 383 - 401.

```
McKinney, Stephen Arthur     | smckinny@wam.umd.edu | Leung, Wai Ki
==> Brown, Kareem Anwar       |
```

[changed to 05/09/02] C. Wang and J. C. Principe, "Training neural Networks with Additive Noise in the Desired Signal," IEEE Transactions on Neural Networks, Vol. 10, No. 6, November 1999, pp. 1511 - 1517. {changed from} J. B. Hansen and R. D. Nelson, "Neural Networks and Traditional Time Series Methods: A Synergistic Combination in State Economic Forecasts," IEEE Transactions on Neural Networks, Vol. 8, No. 4, July 1997, pp. 863 - 873.

```
Nguyen, Hoai-An Thi          | htnguyen@wam.umd.edu | Graves, Zaminah
==> Graves, Zaminah          |
```

I. A. Baktir and M. A. Tan,"Analog CMOS Implementation of Cellular Neural Networks," IEEE Transactions on Circuits and Systems -II, Vol. 40, No. 3, March 1993, pp. 200 -206.

```
Ocheni, Patrick Onuh         | pocheni@wam.umd.edu | Akinyemi, Adedeji
==> Akinyemi, Adedeji        |
```

J.-H. Li, A. N. Michel, and W. Porod, "Analysis and Synthesis of a Class of Neural Networks: Linear Systems Operating on a Closed Hypercube," IEEE Transactions on Circuits and Systems, Vol. 36, No. 11, November 1989, pp. 1405 - 1422.

```
Ozer, Yasin Emre             | yozer@wam.umd.edu | Yau, Kwan James
==> Yau, Kwan James  |
```

[added 04/04/02] C. Yang, G. Deconinck, W. Gui, and Y. Li, "An Optimal Power-Dispatching System Using Neural Networks for the Electrochemical Process of Zinc Depending onVarying Prices of Electricity," IEEE Transactions on Neural Networks, Vol. 13, No. 1, January 2002, pp. 229 - 236.

```
Reichert, Joshua Thomas      | reichert@wam.umd.edu | Stepp, Bryan Gregory
==> Stepp, Bryan             |
```

[04/18/02] S.-W. Moon and S.-G. Kong, "Block-Based Neural Networks," IEEE Transactions on Neural Networks, Vol. 12, No. 2, March 2001, pp. 307 - 317. [changed from]K. A. Nagary, "Fingerprints classification using artificial neural networks: a combined structural and Sstatistical approach," Neural Networks, Vol. 14, 2001, pp.1293 - 1305.

```
Rosen, Morris                | rosenmor@wam.umd.edu | Christian, Constance
==> Christian, Constance      |
```

N. Baba, H. Asakawa, and K. Sato, "Application of Techniques of Computational Intelligence for Constructing Reliable Decision Support Systems," Proceedings of the 1999 IJCNN, Washington, DC, July 10-16, 1999, pp. 3856 - 3859.

```
Sharma, Aman                 | aman@wam.umd.edu | Kaushal, Neeraj Kumar
```

`==> Kaushal, Neeraj`	
G. de A. Barreto and A. F. R. Araujo, "Unsupervised Learning and Temporal Centext to Recall Complex Robot Trajectories," [?????? Publication data]	
`Stepp, Bryan Gregory` `==> Reichert, Joshua`	`brystepp@wam.umd.edu` | `Reichert, Joshua Thomas`
Y. Ota and B. M. Wilamowski, "Analog Implementation of Pulse-Coupled Neural Networks," IEEE Transactions on Neural Networks, Vol. 10, No. 3, May 1999, pp. 539 - 544.	
`Yau, Kwan James` `==>Ozer, Yasin Emre` |	`jamesyau@glue.umd.edu` | `Ozer, Yasin Emre`
[??? No paper]	