Publication List (Eiji Mizutani)

Articles in “Journals” and “highly refereed” papers included in Periodical Books:


- Eiji Mizutani and Stuart Dreyfus. “Second-order stagewise backpropagation for Hessian-matrix analyses and investigation of negative curvature.” In Journal of Neural Networks (Elsevier Science), Special Issue on “Advances in Neural Networks Research.” Vol.21, pp.193–203, 2008 (SCI).


Book (highly-referenced in the literature of Computational Intelligence and Soft Computing):


Book Chapter:

Refereed International Conference Papers:


- Eiji Mizutani and Stuart E. Dreyfus. “MLP’s hidden-node saturations and insensitivity to initial weights in two classification benchmark problems: parity and two-spirals.” In Proceedings of the IEEE International Joint Conference on Neural Networks (IJCNN), part of the 2002 World Congress on Computational Intelligence (WCCI'02), Vol.3, pp. 2831–2836 (EI), Honolulu, USA, May 2002.


Other Conference Presentations:


Working Manuscripts:


- Eiji Mizutani and Stuart Dreyfus. The dynamic time warping algorithms (over 21 pages). Part of the work was used for the invited one-week lecture at the Department of System Design, Tokyo Metropolitan University, JAPAN, 2006, based on the 1990 draft of Stuart Dreyfus.

- Eiji Mizutani. Auxiliary value function approaches to dynamic programming (11 pages draft).
