omething,

· 2/3 training data

- · For the first run, test set error is plotted as a function of n-iter, then the second run terminates training at the minimum error point.
- · Because prediction rules in stock markets continuously change, a new method called moving simulation was implemented:
  - system learns for M months, then predicts for L months
  - advance by one month

## Results

- · Averaging the modular NNs increases accuracy
- · From 1987-1989, the Tokyo index increased by 67%, but following the signals would have led to 98% returns.
- · NN outperforms multiple linear regression cluster analysis done on the · Cluster analysis revealed certain trends: hidden layers.
  - high turnover is bullish
    - low interest rates + high DIJA is bullish.

## Comments

- · Very refreshing to read a high quality, well organised article
- · High-speed supplementary learning is possibly not so important nowadays
- · Cluster analysis seems to be quite a useful technique.
- · Not much was revealed regarding exact parameters etc.