

Accepted Manuscript

An adaptive stock index trading decision support system

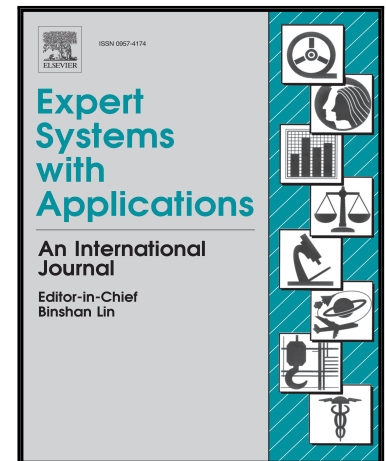
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PII: S0957-4174(16)30191-9
DOI: [10.1016/j.eswa.2016.04.025](https://doi.org/10.1016/j.eswa.2016.04.025)
Reference: ESWA 10645

To appear in: *Expert Systems With Applications*

Received date: 11 February 2016
Revised date: 19 April 2016
Accepted date: 20 April 2016

Please cite this article as: Wen-Chyuan Chiang , David Enke , Tong Wu , Renzhong Wang , An adaptive stock index trading decision support system, *Expert Systems With Applications* (2016), doi: [10.1016/j.eswa.2016.04.025](https://doi.org/10.1016/j.eswa.2016.04.025)



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Highlights

- The system provides an automated and adaptive model selection process
- The system predicts the stock price direction, rather than the forecasted level
- Particle swarm optimization is used to reduce computation time
- Denoising is used to deal with stock market volatility

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