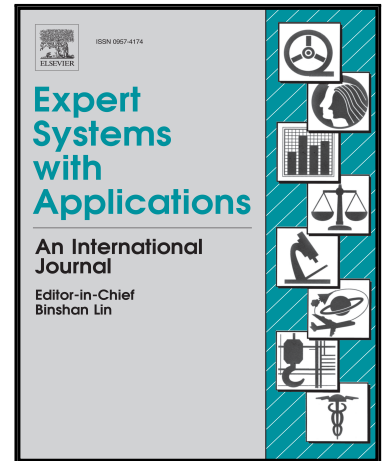


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Towards an autonomous Human Chromosome Classification System Using Competitive Support Vector Machines Teams (CSVMT)

Ali Osman Kusakci , Berk Ayvaz , Elif Karakaya

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Highlights

- A novel approach for chromosome classification problem is proposed.
- A competitive cluster Support Vector Machines is hybridized with Pattern Search.
- The classifier provides highly reliable results outperforming the other methods.
- It also demonstrates a robust performance over 30 independent trials.

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