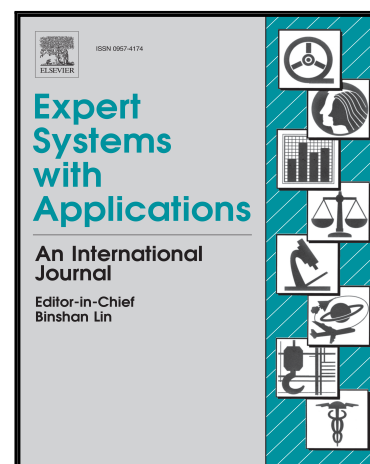


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Multidimensional surrogate stability to detect data stream concept drift

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Highlights

- We present an approach that detects drifts on multidimensional streams.
- The detection occurs while holding a stability property based on surrogate series.
- Our approach employs a different and more robust measurement to analyze drifts.
- MDFT allows analyze data dependencies of unidimensional streams in phase space.
- Experiments confirmed MDFT outperforms PHT, ADWIN and CUSUM.

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