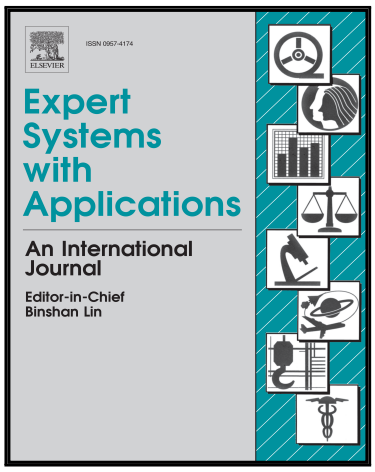

Association Rule Hiding using Cuckoo Optimization Algorithm

Mahtab Hossein Afshari , Mohammad Naderi Dehkordi , Mehdi Akbari

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Highlights

- We use Cuckoo Optimization Algorithm for hiding sensitive association rules.
- A preprocess is defined that causes speedy access to the optimal solution.
- Introducing three fitness functions with minimum side effects.
- An immigration algorithm is defined to escape from local optimums.
- For efficiency assessment, the algorithm is examined on real and synthetic data.