

# Accepted Manuscript

## Efficient Spatial Co-location Pattern Mining on Multiple GPUs

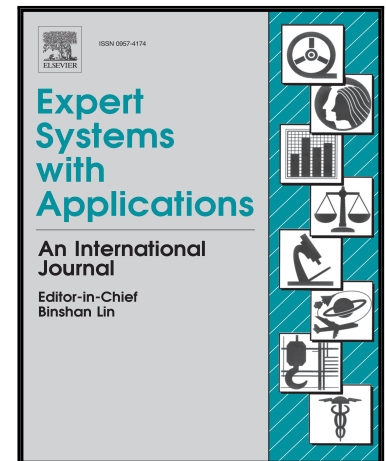
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**Highlights**

- A generic parallel algorithm for Co-location Pattern Mining.
- Support for multi GPU architectures.
- A specialized variant of the algorithm optimized for the NVIDIA GPUs.
- Memory-aware solution.
- A dedicated algorithm for compression of input data.

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