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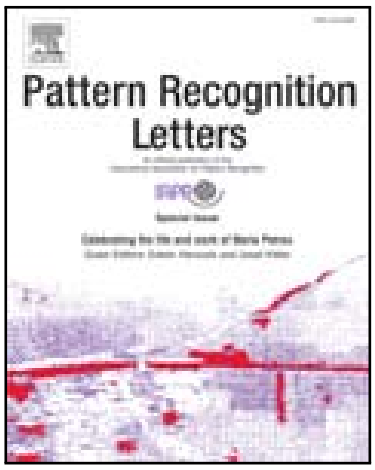

A highly scalable clustering scheme using boundary information

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Highlights

- A scalable and flexible clustering scheme based on boundary information is proposed.
- Clustering is performed on extracted boundary points instead of the original dataset.
- Experiments on both synthetic and large-scale real datasets are conducted.
- Orders of magnitude speedup with regard to standard DBSCAN is achieved.
- The proposed clustering scheme is highly efficient and scalable.

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