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Efficient Indexing for Semantic Search

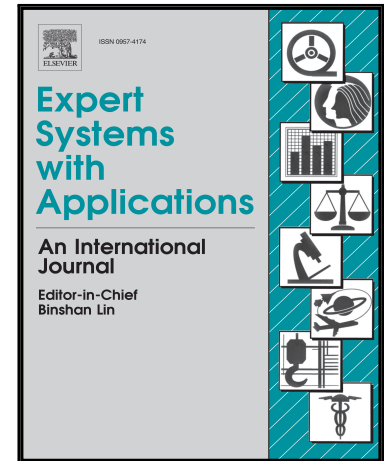
Fatemeh Lashkari, Faezeh Ensan, Ebrahim Bagheri, Ali A. Ghorbani

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Highlights

- Keyword, entity and type information can be integrated to perform semantic search.
- Treaps are the most efficient for ranked union and intersection queries.
- HashMap is the most efficient in answering Boolean intersection queries.

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