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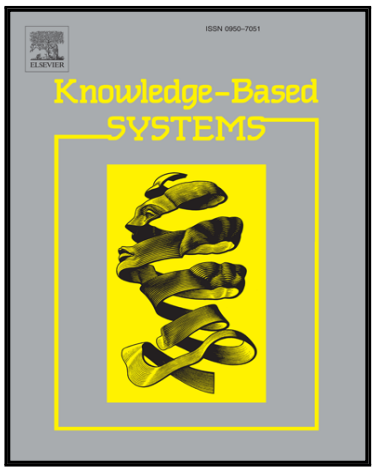


# Fast Recommendation on Latent Collaborative Relations

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**Highlights**

- Devise a recommendation algorithm based on latent factor model.
- combines latent factors and $\ell_2$ norm to formulate the recommendation problem as a k-nearest-neighbor problem, in which we further use localitysensitive hashing (LSH) to reduce search time complexity.
- Speedup the retrieval by 5X-313X on three data sets used in the experiments.

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