## **Accepted Manuscript**

An Emotion-based Independent Cascade Model for Sentiment Spreading

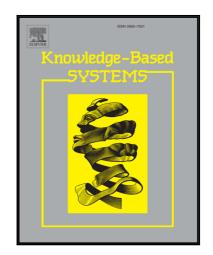
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#### ACCEPTED MANUSCRIPT

## Highlights

- An emotion-based independent cascade model is proposed to analyze the process of sentiment spreading.
- User features, structural features and tweet features are introduced into the learning model for finding the sentiment changes of retweets.
- The historical information based transforming weights are proposed for the sentiment prediction of retweets.

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