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A robust multi-view clustering method for community detection combining link and content information

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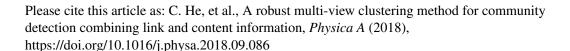
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- 1. We propose a multi-view clustering method based on robust nonnegative matrix factorization (MVCRNMF).
- 2. MVCRNMF can provide a unified model to leverage link and content information for community detection in complex activers.
- 3. We devise iterative update rules as the optimization solution to the community detection model of MVCRNMF and also give the rigorous convergence proof.
- 4. MVCRNMF can learn the contribution weights from link and content information adaptively.
- 5. Extensive experiments illustrate the effectiveness and advantages of MVCRNMF.

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