

Accepted Manuscript

Network modelling and variational Bayesian inference for structure analysis of signed networks

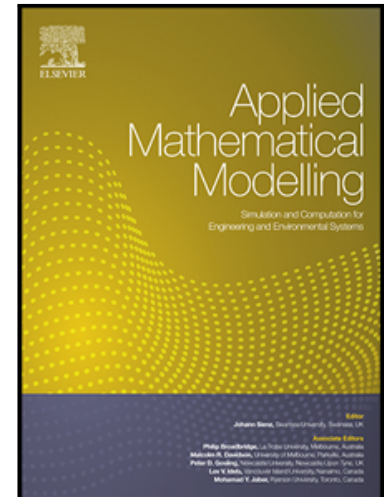
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PII: S0307-904X(18)30185-9
DOI: [10.1016/j.apm.2018.04.013](https://doi.org/10.1016/j.apm.2018.04.013)
Reference: APM 12252

To appear in: *Applied Mathematical Modelling*

Received date: 8 July 2017
Revised date: 20 April 2018
Accepted date: 23 April 2018

Please cite this article as: Xuehua Zhao, Xueyan Liu, Huiling Chen, Network modelling and variational Bayesian inference for structure analysis of signed networks, *Applied Mathematical Modelling* (2018), doi: [10.1016/j.apm.2018.04.013](https://doi.org/10.1016/j.apm.2018.04.013)



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Highlights

- A model is presented to model the coexisting structure of signed networks with positive and negative links.
- Efficient learning method is deduced based on the variational Bayes.
- Efficient model selection criterion is deduced based on the evidence theory and variational Bayes.

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