

## Accepted Manuscript

Centralities in Simplicial Complexes. Applications to Protein Interaction Networks

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PII: S0022-5193(17)30504-0  
DOI: [10.1016/j.jtbi.2017.11.003](https://doi.org/10.1016/j.jtbi.2017.11.003)  
Reference: YJTBI 9259



To appear in: *Journal of Theoretical Biology*

Received date: 24 August 2017  
Revised date: 1 November 2017  
Accepted date: 7 November 2017

Please cite this article as: Ernesto Estrada, Grant Ross, Centralities in Simplicial Complexes. Applications to Protein Interaction Networks, *Journal of Theoretical Biology* (2017), doi: [10.1016/j.jtbi.2017.11.003](https://doi.org/10.1016/j.jtbi.2017.11.003)

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**Highlights**

- Extended network centrality measures to the case of simplicial complexes.
- An improved method for predicting the essentiality of proteins using network data.
- Correlations between centralities at different levels imply new knowledge uncovered.

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