Errata in Graph Spectra of Complex Networks

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1 Announcement

We are currently working towards a new edition, which we plan to finish in 2020. New results are incorporated. Some results are being rephrased or more elegantly derived. Finally, errors are being corrected.

All comments and suggestions to improve the first edition 2011 are welcome. Good input will be acknowledged.

2 Errors in the first edition of 2011

With regret, I have to mention the following errors:

p. 70: art. 72 is only correct for $m < 4$ for a general graph. Art. 72 only holds for any integer $m$ when the graph is regular (in which case $A$ and $\Delta$ commute).

p. 227: footnote 4: in the display, $\det(x_k x_k^T - \lambda I)$ should be $\det(x_kv_k^T - \lambda I)$.

p. 241: second last line: "which is symmetric" is wrong.

Acknowledgements

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