

Mining Complex Networks — Errors

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1 First Edition — published in 2021

- Page 11, Section 1.7: the definition of a path is really the definition of a walk (which should be introduced); no vertices on the path can be repeated.
- Page 23, Problem 4: the pair of sampled nodes should be from the same component so that the graph distance (x) between the two nodes is well defined; so either a) work with the giant component or b) reject the sample if the two nodes are from different components.
- Page 25, third reference: Network Science, Albert-László Barabási, Cambridge University Press, 2016.
- Page 196, Line -4: ‘ $\beta = 1.5$ ’ should be ‘ $\tau = 1.5$ ’.
- Page 203, Line 12: e_1 and e_2 should be e_i and e_j .
- Page 220, second reference: B. Kamiński, V. Poulin, P. Prałat, P. Szufel, F. Théberge, “Clustering via hypergraph modularity”, PLoS ONE 14(11): e0224307 (2019).
- Page 220, third reference: B. Kamiński, P. Prałat, F. Théberge, “Community Detection Algorithm Using Hypergraph Modularity” in: Complex Networks & Their Applications IX. COMPLEX NETWORKS 2020. Studies in Computational Intelligence, vol 943. Springer, Cham.

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- Figure 9.6: labels for the features are off by 1, for example `g2v_49` is actually `g2v_50` and `neext_0` should be `neext_1`, also `g2v_63` should `neext_0`. This is fixed in the online version of the book. Moreover some numbers reported in Chapter 9 are slightly different in the online version of the book since we used a more recent version of the NEEt package. Results from the Python Notebook corresponds to those more recent results. All the remarks and conclusions remain the same.

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