

Errata

Besides small typos (missing points, commas or similar), so far I realized the following:

1. p. 7, definition of a double nested graph: The first sentence in the definition should be removed.
2. p. 9, Eqs. (1.2) and (1.3): Instead of A , there should be M .
3. p. 11, text below (1.6): Instead of ' $\lambda \leq \Delta$ ', there should be ' $|\lambda| \leq \Delta$ '.
4. p. 28, last but one paragraph; p. 256 paragraph 1; refs [22, 95, 172, 295]: Instead of 'Lovás', there should be 'Lovász'. (I apologize to Professor László Lovász.)
5. p. 34, Eq. (2.14): Instead of $2m$, there should be m .
6. p. 58, line 1; p. 113, paragraph below Theorem 4.13: Instead of 'Friedland', there should be 'Friedman'; p. 272, ref. [164]: Instead of 'Friedland, S.', there should be 'Friedman, J.'. (I apologize to Professor Joel Friedman.)
7. p. 88, Theorem 3.1: Remove 'spanning'.
8. p. 92, proof of Theorem 3.12: Instead of \widehat{H} , there should be \widehat{G} . Instead of G , there should be H .
9. p. 110, Theorem 4.8: the partition mentioned in the proof is not equitable (as I said), but this fact does not affect the proof.
10. p. 111, Theorem 4.10: Instead of 'Tanner et al.', there should be 'Cheeger'.
11. p. 129, Theorem 4.38: The graph $K_{4,4}$ is missing.
12. p. 133, Remark 4.46: In the 1st paragraph, instead of '... determined in [428] (there are 24 such graphs).', there should be '... determined in [428], see an erratum in [Stevanović, D., de Abreu, N. M. M., de Freitas, M. A. A., Del-Vecchio, R. Walks and regular integral graphs. *Linear Algebra Appl.*, **423** (2007), 119–135.] (there are 25 such graphs).' In the 2nd paragraph, instead of '... the Cartesian product...', there should be '... the tensor product...'. In the 2nd paragraph, instead of '... exactly 16 resulting...', there should be '... exactly 17 resulting...'. Mentioned reference should be added to the list.
13. p. 149, paragraph 2: Instead of 'Bearing in mind that any DNG is a bipartite graph which does not contain any of the graphs P_4, C_4 or $2K_2$ as an induced subgraph, we easily verify the following fact.', there should be 'We easily verify the following fact.'
14. p. 156, Eq. (6.4): Instead of μ_1 on the left hand side, there should be μ_1^2 .

If you notice something similar, please let me know!

Last modified Friday 20th April, 2018.