Errata for 'Cognition and Intractability' (2019)

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May 16, 2020

Chapter 2

- In Fig 2.2. Caption text should be: 'Note that in (b) the edge (f, d) is not covered...'

- Page 29: Definition of DOMINATING SET should read 'for every vertex $v \in V$ we have ...' instead of 'for every vertex $v \in V'$ we have ...'.

- Alg 2.6. *The MaximumUnSorted* algoritm (Alg 2.5) returns not the *position* of the maximum element in the array, but its *value*. Hence, in order to be used as a sub-routine in Alg 2.6, Alg 2.5 needs to be adapted to keep track of the index of the maximum element as well, and return that index, rather than the element.

Chapter 7

- Page 112: The parameterized problem's name should not be CNF-SAT but $|U|$-CNF-SAT.

Chapter 8

- Page 175: $I_{F'}$ should be I'_F.

- Page 182: In Definition 8.2.4. F_H should be F_{approx}.

Appendix B

- Page 284: Defintion of DOMINATING SET should read 'for every vertex $v \in V$ we have ...' instead of 'for every vertex $v \in V'$ we have ...'.

Acknowledgments