

Errata for *More Than the Sum of Its Parts:  
Compact Preference Representation Over  
Combinatorial Domains*

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This is a collection of all known errata for my dissertation. If you discover a typo or error which is not listed here, please inform me of it by emailing me at [uckelman@nomic.net](mailto:uckelman@nomic.net).

### Chapter 3

**pp. 44–45, proof of Lemma 3.4.7, ( $\Rightarrow$ ) case:** Omitted minus sign. Replace all occurrences of “ $t_{u(\emptyset)}$ ” with “ $t_{-u(\emptyset)}$ ”. (Thanks to Peter van Emde Boas.)

### Chapter 4

**p. 63, Proof strategy:** Read “ $\mathcal{L}$ ” for the first two instances of “ $\mathcal{L}'$ ” in the last sentence. (Thanks to the anonymous reviewer of AIJ our paper.)

**p. 79, proof of Theorem 4.5.1:** “While the size of range” should be “While the size of the range”. (Thanks to the anonymous reviewer of our AIJ paper.)

**p. 90, proof of Theorem 4.6.1:** Swap all  $\not\leq$  with  $\not\geq$  and vice versa.

**p. 91, proof of Theorem 4.6.2, ( $\not\leq$ ) case:** “Same argument as for  $\mathcal{L}(pcubes, \mathbb{R}, \Sigma)$ ” refers to the (as-printed)  $\not\leq$  case of Theorem 4.6.1 on the previous page.

### Chapter 5

**p. 100, Definitions 5.3.1, 5.3.2:** “ $u_G$ ” should be “ $u_{G,F}$ ”. (Thanks to Ulle Endriss.)

**p. 114, proof of Theorem 5.5.25:** Insert the sentence “Remove superfluous literals as in the proof of Theorem 5.5.26.” after “We present a polynomial-time algorithm:”.