
May 7, 2021

p. 4, penultimate line: replace “bound” with “bounds”
p. 6, line 7 from the bottom: delete “to”
p. 7, line 14 from the top, replace $\max_i x$ with $\max_i x_i$
p. 7, line 20 from the top (equation (7)) replace $\max G_i$ with $\max_i G_i$
p. 8, line 8 from the top: delete “the ” before a”
p. 8, line 13 from the top (Example 2): replace $\max G_i$ with $\max_i G_i$
p. 8, footnote 8 replace “Lemmas” with “Lemma”
p. 9, lines 4 and 5 from the top (Example 3) replace $\max G_i$ with $\max_i G_i$
p. 10, line 2 from the bottom: delete “as”
p. 15, line 11 from the top: replace sup with inf
p. 15, line 11 from the bottom: replace “oroof” with “proof”
p. 24, last paragraph of Appendix G.1: replace
\[ i \geq j \geq l, \text{ then } x_{(i)} + x_{(j)} - 2 \max_{k \neq i,j} (x_{(k)} - z_{(k)}) \geq x_{(j)} + x_{(l)} - 2 \max_{k \neq i,l} (x_{(k)} - z_{(k)}) \]
with
\[ i \leq j \leq l, \text{ then } x_{(i)} + x_{(j)} - 2 \max_{k \neq i,j} (x_{(k)} - z_{(k)}) \geq x_{(i)} + x_{(l)} - 2 \max_{k \neq i,l} (x_{(k)} - z_{(k)}) \]
p. 31, line 8 from the top: replace “Thus, we can assume $p_k$ is the smallest set contained in $R$” with “Thus, we can let $p_k$ be such a set contained in $R$ with the smallest $k$”

1In this errata, for purposes of corrections in the main body of the article, we do not count the lines comprising the footnotes
p. 32, line 3 from the top: between “strictly bigger” and “which is a contradiction” insert “than the original cut (which does not divide 1 and 2)”

p. 32, line 8 from the top: move “Also denote \( T(A, B) \) as the total weights of edges between \( A \) and \( B \)” to p. 31 as the first full sentence. On p 32 replace the aforementioned sentence with “By Lemma 9, the maxcut of \( \{1, 2, \ldots, N\} \) has the form \( \{1\} \cup S_1, \{2\} \cup S_2 \).”

p. 32, line 9 from the top: replace \( \sum_{i=3}^{N} a_i \) with \( \sum_{i=2}^{N} a_i \)

p. 32, line 11 from the top: replace \( 2 \leq i \leq \lfloor \frac{N}{2} \rfloor \) with \( 1 \leq i \leq \lfloor \frac{N}{2} \rfloor \)

p. 32, line 13 from the top: replace \( 4Ma_{2k} \) with \( 4Ma_{2M} \)

p. 36, line 3 from the top: replace “Radamacher” with “Rademacher”