

Erratum

Errors

Page 49, line 4 from below

replace $v, w \in \{0, 1\}^*$ by $x, y \in \{0, 1\}^*$.

Page 59, Algorithm 3.4.2. (2)

the information that replaces $v \longrightarrow$

the information that w replaces v

Page 65, line 11

Shiple et al. (1997) \longrightarrow

Shiple et al. (1994)

Page 102, line 6

$k \leq \lfloor n/3 \rfloor \longrightarrow k \geq \lfloor n/3 \rfloor$

Page 131, Figure 6.1.1.

the inner nodes with label x_3 and two 1-leaves as successors can be replaced by a 1-leaf.

Page 134, Lemma 6.2.2.

$|G| \leq (n+1)|G'| \longrightarrow |G| \leq 2n|G'|$

(The proof is correct. It adds at most n nodes per edge and not per node.)

Page 159, Exercise 6.17.

has polynomial size \longrightarrow

has non-polynomial size.

Page 160, Exercise 6.29.

$n > m^2 \longrightarrow m > n^2$

Page 187, lines 12-9 from bottom should read: By Chernoff's bound, we obtain, for some $\alpha > 0$, a lower bound of $1 - (n/2^{k-1})2^{-\alpha N(k)}$ on the probability that, for a random coloring of the vertices of V' , for each $w_j \in W'$ at least a third...

Page 276, Proposition 11.2.4.

It should be mentioned in the proposition that each probabilistic variable can be read only once.

Misprints

Page 2, line 2

dotted \longrightarrow dashed

Page 30, line 2 from bottom

$$n - \log(n + 1 - \log n) + 1) \longrightarrow n - \log(n + 1 - \log n) + 1]$$

Page 95, Theorem 5.2.2., line 2

parantheses not italics

Page 110, line 5 from bottom

$$k < i \text{ and } k > j \longrightarrow k < j \text{ and } k > i$$

Page 180, line 1

parantheses not italics

Page 280/281, Theorem 11.4.2. and proof

$$\lceil \log 2n\delta^{-2} \rceil \longrightarrow \lceil \log(2n\delta^{-2}) \rceil$$