

**ERRATA FOR
COMPUTATIONAL COMPLEXITY**
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- page 29, line 12, (twice), and page 35, line 8: subscript “ s ” should be “ k ”
- page 75, lines 7 and 7: subscript “3” should be “2”
- page 78, line 21: delete second “and”
- page 90, line 13: “ $U^k \mapsto U$ ” should be “ $U \mapsto U^k$ ”
- page 92, line -9: “the form $n + i$, where n is any integer” should be “the form $n + mi$, where n and m are integers”
- page 92, line -6: “and a complex integer $n + i$ to $(n + i) + 1$ ” should be “and a complex integer $n + mi$ to $(n + mi) + 1$ ”
- page 92, line -5 “contains now a totally disjoint whole line.” should be “contains now an infinity of parallel disjoint lines.”
- page 97, line -1: second “ x ” should be “ t ”
- page 103, line GR4: “ z ” should be “ x ”
- page 105, line -9: “ $\phi \Rightarrow \phi_i$ ” should be “ $\forall x \phi_i$ ”
- page 110, line -12: first “ Δ ” should be “ Δ' ”
- page 110, line -11: “ $\neg \forall \psi$ ” should be “ $\neg \forall x \psi$ ”
- page 119, lines 15-16 should be: “show that the first form of the completeness theorem implies the second form” (not the other way around)
- page 119, line -2: “ $\phi[$ ” should be “ $\phi^*[$ ”
- page 131, line 16: “ u yield u' ” should be “ u' yield u ”
- page 156, line 23: second “ Φ ” should be “ Φ' ”
- page 174, line 174 “(Problem 8.4.13)” should be “(Problem 8.4.11)”
- page 175, line -11, “ T_{yes} ” should be “ $\neg T_{\text{no}}$ ”
- page 176, line 17: “ M^G ” should be “ G^M ”
- page 179, line 25: “1962” should be “1982”
- page 214, line 4: “its subgraphs” should be “its induced subgraphs”
- page 244, line -6: “whether a” should be “whether the determinant of a”
- page 248, line 1: “of 561 pass” should be “in $\Phi(561)$ pass”

page 258, line -11: “Bernoulli” should be “binomial”

page 260, line -10: numerator “2” should be “ $n/2$ ”

page 321, lines 8, 13, -1; page 322, line 9: “MAXSAT” should be “MAX3SAT”

page 326, lines 13–17: Delete part (a) of Problem 13.4.9. Rename part (b) to (a), and Part (c) to (b).

page 328, line -2: “Tha” should be “The”

page 363, lines 8–9: Delete sentence “If we need ... work is needed.”

page 381, line -15: “gates” should be “input gates”

page 436, line 15; also, page 521: “Nielson” should be “Nilsson”

page 475, line 9: “we require of interactive protocols, but never” should be “required of interactive protocols, but this never”

page 498, line 2: “2-NEXP were equal, equality” should be “2-NEXP were unequal, inequality”

p. 500, line 8, add this reference (before the two by Book):

O. Ibarra “A note concerning nondeterministic tape complexities”, *J.ACM*, 19, pp. 608-612, 1972,