

# ALGO Errata

Alexandre Duret-Lutz

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This document collects all errors that have been found in the lecture notes, dated September 28, 2017, that have been handed out to Epita students.

The online version at <https://www.lrde.epita.fr/~adl/ens/algo/algo.pdf> is fixed.

where	what to change	reported by
p.3 $A \subset B$	replace “strict subset” by “proper subset”	Alexandre Duret-Lutz
p.11 line 14	replace the trailing 0 by $a$	Michael Roynard
p.12 note 22, line 3	replace $x \rightarrow 1$ by $x \rightarrow c$	Alexandre Duret-Lutz
p.20 line -4	replace $\frac{n^2-1}{2}$ by $\frac{(n+2)(n-1)}{2}$	Groupe B
p.32 line 25	remove “is smaller”	Alexandre Duret-Lutz
p.44 bottom	replace <div><pre>INTROSORTREC(<math>A, \ell, r, \text{depth\_limit}</math>) 1  while <math>r - \ell &gt; 1</math> 2    if <math>\text{depth\_limit} = 0</math> 3      HEAPSORT(<math>A, \ell, r</math>) 4    else 5      <math>\text{depth\_limit} \leftarrow \text{depth\_limit} - 1</math> 6      <math>p \leftarrow \text{PARTITION}(A, \ell, r)</math> 7      if <math>p - \ell \leq r - p</math> 8        QUICKSORT(<math>A, \ell, p</math>) 9        <math>\ell \leftarrow p</math> 10     else 11       QUICKSORT(<math>A, p, r</math>) 12       <math>r \leftarrow p</math></pre></div>	by many people
p.44 note 105	replace “matches to” by “match the”	Jim Newton
p.46 line -2	replace “performes” by “performs”	Alexandre Duret-Lutz