

TP-Book – Errata

Arnold Schönhage

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- Page 19, line -1: ... examples of for — *omit* “of” ;
- Page 29, line -10: ... are losing — *instead of* “loosing” (twice);
- Page 30, line 17: if $r \geq 0$ then ... — *instead of* “if $r \leq 0$...” ;
- Page 58, line -7: ... with $u_k = u_m$ — *instead of* “... $a_k = a_m$ ” ;
- Page 70, line -2: ... in in two words — *omit* “in” ;
- Page 90, line 7: LA='H'i D0 A0, instead of “LA='H'i OD OA,”
- Page 116, line 11: in normal mode: ...
this line refers to the example used for item 2.2.11 (see page 69),
so bytes 4–9 should read 45 3D 20 00 2C 05 ,
- Page 116, line 13: *and here bytes 4–8 should read 45 3D 20 2C 05 ;*
- Page 205, Item 6.1.16 (routine *RANDOM*), line 7:
Returns: word, — *append* “also <C> = n,” ;
- Page 206, Item 6.1.24 (routines *ISUMS*, *IDIFS*), lines on Timing:
read “tt(n|ISUMS) \simeq ...” and “tt(n|IDIFS) \simeq ...” ;
- Page 208, Item 6.1.33 (routines *IML* (*DIML*)), line 7:
tt(n|IML) \simeq — append “(+ n + 10 for DIML)” ;
- Page 210, Item 6.1.37n (routine *SMLNS*), line 2:
replace both bounds for n_o by “ $n_o \leq 2^{31} - 8192$ ” ;
- Page 210, Item 6.1.38 (routine *SADSB*), line 7:
 $z \leq \mathfrak{X}^m + \mathfrak{X}^{m-1} + 1$ for subtraction. — *instead of* “ $z < \mathfrak{X}^m + \dots$ ” ;
- Page 211, Item 6.1.45 (routine *ISQU*), line 5:
else $\simeq tt(2n|SSQU)$... asymptotically; — *instead of* “ $\simeq tt(n|...)$ ” ;
- Page 213, Item 6.1.55 (routine *IRECIR*), last line, *to be replaced by*
else $\simeq 22 \cdot k^2 + 326 \cdot k \langle \langle 14 \cdot k^2 + 238 \cdot k \rangle \rangle$ for $8 \leq k < 160 \langle \langle 240 \rangle \rangle$.
- Page 252, Item 8.1.19 (routine *CDRBIN*), line 6: *ending with* “ $< 2^{-p}$,” ;
- Page 256, Item 8.1.42 (routines *RECI* ...), lines 3, 5, 6:
<A> = $s < \mathfrak{X}/2 - 1$ for $\varepsilon = 8/\mathfrak{X}^s$, — *instead of* “<M> = $e > 0$, ...” ;
 $x = 0$ — *instead of* “ $y = 0$ ” (twice), *and* $x \neq 0$ — *instead of* “ $y \neq 0$ ” ;
- Page 258, Item 8.1.61 (routines *CLGSIZE* ...), line 5:
... so that $k > \log \max(|x|, |y|) > k - 1 + \log(1 - 1/\mathfrak{X})$,
- Page 273, Item 9.1.22 (routines *RPSUM* ...), lines 2, 3: *omit* “taboo,” (*twice*),
and add new line (T1, T2 taboo for *RPSUM*, *RPDIF*);
- Page 273, Item 9.1.23 (routines *RPADD* ...), line 3: *omit* “taboo,”
and add new line (T2 taboo for *RPADD*, *RPSUB*);
- Page 275, Item 9.1.41 (routines *CPDIV* ...), line 5:
for *CPDIV*, and for *CPDIVQ*: ... — *instead of* “for *CPDIV*,” ;
- Page 278, Item 9.1.64 (routine *IPML*), line 5: ... with nh coefficients, — *and add*
line “where $nh = 0$ if $nf = 0$ or $ng = 0$ else $nh = nf + ng - 1$,” ;
- Page 280, line 9: This adaptation — *instead of* “adaption” ;
- Page 285, citation [Bw85]: *Volume No 6* (1985) — *instead of* “4 (1985)” ;
- Page 287, line -1: Englewood Cliffs, NJ, — *instead of* “..., NY,” .