This is a list of all substantial corrections made to *Computers & Typesetting* between the first “Millennium edition” of 2000 and the second such edition, which appeared late in 2001. (More precisely, it lists errors to the 16th, 7th, 6th, 4th, and 5th printings of Volumes A, B, C, D, and E, respectively, that were corrected in the 17th, 8th, 7th, 5th, and 6th printings.) Changes to the mini-indexes and master indexes of Volumes B, D, and E are not shown here unless they are not obviously derivable from what has been shown.

Page A16, line 7 from the bottom (06/30/01)

Ten-point type is different from **magnified five-point type**.

Page A17, line 7 (06/30/01)

...fications that grow in geometric ratios—something like equal-tempered tuning

Page A51, lines 18–20 (06/30/01)

\[ ff \text{ yields } ff; \quad fi \text{ yields } fi; \quad fl \text{ yields } fl; \quad ffi \text{ yields } ffi; \quad ff1 \text{ yields } ff1; \quad " \text{ yields } "; \quad "' \text{ yields } "' \text{ yields } "' \quad !' \text{ yields } ¡; \quad ?' \text{ yields } ¿; \quad -- \text{ yields } –; \quad --- \text{ yields } —. \]

Page A52, line 7 from the bottom (06/30/01)

\[ \texttt{\ae, \AE} \quad æ, Æ \quad (\text{Latin ligature and Scandinavian letter AE}) \]

Page A71, line 15 (06/30/01)

...One of the interesting things that can happen when glue stretches and

Page A180, line 20 (06/30/01)

...Challenge number 5: \[ k = 1.38065 \times 10^{-16} \text{ erg} \text{ K}^{-1}. \]

Page A254, line 12 from the bottom becomes two lines (04/09/01)

\[ \text{\texttt{\output=\unvbox255}} \text{\texttt{\ifnum\outputpenalty<10000 \penalty\outputpenalty\fi}} \]

Page A292, lines 13–16 (06/30/01)

...\texttt{\mathchoice\langle\text{filler}\rangle\{\text{math mode material}\}\langle\text{filler}\rangle\{\text{math mode material}\}\langle\text{filler}\rangle\{\text{math mode material}\}\langle\text{filler}\rangle\{\text{math mode material}\}}. \text{ Four math lists, which are defined as in the second alternative of a (math field), are recorded in a “choice item” that is appended to the current list.}

Page A306, line 7 (06/30/01)

...instead of a shelfful. In fact, the latter idea—to insert an italic correction—is prefer-
18.31. \$k=1.38065\times10^{-16}\text{erg K}^{-1}\$.

Connecticut Yankee come out with only nine or ten bad hyphens:


If a suitable starting letter is found, let it be in font \( f \). Hyphenation is abandoned unless the \texttt{\hyphenchar} of \( f \) is a number between 0 and 255, inclusive. If this test is passed, \TeX\ continues to scan forward until coming to something that’s not one of the following three “admissible items”: (1) a character in font \( f \) whose \texttt{\lccode} is nonzero; (2) a ligature formed entirely from characters of type (1); (3) an implicit kern. The first inadmissible item terminates this part of the process; the trial word consists of all the letters found in admissible items. Notice that all of these letters are in font \( f \).

\verb|\char|, 43–45, 76, 86, 155, 283, 286.

\verb|\floatingpenalty|, 123–124, 272, 281, 363.

orphans, see widow words.

statements will be meaningful. We insert the label ‘\texttt{exit}’ just before the ‘\texttt{end}’ of a procedure in

\begin{verbatim}
begin update_terminal; \{ now the user sees the prompt for sure \}
\end{verbatim}

\verb|ignore| = 9 \{ characters to ignore ( \texttt{\^~@} ) \}
\verb|active_char| = 13 \{ characters that invoke macros ( \texttt{\^~} ) \}

or unset nodes; in particular, each mlist item appears in the variable-size part of \texttt{mem}, so the \texttt{type} field is always present.
between ‘fl’ and ‘y’, then $m = 2$, $t = 2$, and $y_1$ will be a ligature node for ‘fl’ followed by an

$q_i(2), q_i(6)$: \textbf{begin} cur_r \leftarrow \text{rem}_\text{byte}(q); \{ !\ast, !\ast > \} \\
\textbf{end}; \{ \text{now we are in vertical mode, working on the list that will contain the display } \}

slightly. If autorounding > 1, you get even more changes: Paths are perturbed slightly

tance is length($z_4 - z_1$). But there’s a slicker solution: Just calculate
\[
\text{abs } y_{\text{part}}((z_1 - z_2) \text{ rotated } -\text{angle}(z_3 - z_2)).
\]

— LA ROCHEFOUCAULD, \textit{Maximes} (1665)

La Rochefoucauld, François VI, 313.

*true, 55, 64–65, 170, 210.

statements will be meaningful. We insert the label ‘exit’ just before the ‘end’ of a procedure in

\textbf{begin} update_terminal; \{ now the user sees the prompt for sure \}

\textbf{define} subscr\_head\_loc(#) \equiv # + 1 \{ \text{where } value, subscr\_head, \text{ and } attr\_head \text{ are } \}

(y, −x) will appear in node $p$. Similarly, a fourth-octant transformation will have been applied after the transition, so we will have $x_{\text{coord}}(q) = −x$ and $y_{\text{coord}}(q) = y.$
where \( x'(t) \geq 0 \) we have right_type = first_octant or right_type = eighth_octant; in regions where \( x'(t) \leq 0 \), we have right_type = fifth_octant or right_type = fourth_octant.