This is a list of all corrections made to *Computers & Typesetting*, Volumes A–E, between 16 June 1987 and 20 February 1989. Corrections made to the softcover version of *The \TeX*book are the same as corrections to Volume A. Corrections to the softcover version of *The METAFONT*book are the same as corrections to Volume C. Some of these corrections have already been made in reprints of the books. Some of these corrections affect the indexes and mini-indexes of Volumes B and D in ways not shown here. Corrections made up to 15 June 1987 appear in other files.

Page A159, line 22 (2/15/88)
\'molimits\' if the normal \texttt{\textbackslash displaylimits} convention has been overridden; a Rad

Page A213, lines 34–35 (12/23/87)
text will be a single control sequence token, defined to be like \texttt{\textbackslash relax} if its meaning is currently undefined.

Page A299, line 30 (7/6/88)
\texttt{Fatal format file error; I’m stymied.}

Page A326, line 12 (12/12/87)
it its natural width. The \texttt{\textbackslash hbox} version also invokes \texttt{\textbackslash everymath}.

Page A359, line 2 (11/6/88)
\texttt{\textbackslash mathchardef\textbackslash ldot="613A\textchardef\textbackslash cdot="6201\textchardef\textbackslash colon="603A}

Page A359, lines 35–38 (5/24/88)
\texttt{\textbackslash def\textbackslash updownarrow\delimiter"326C33F \textbackslash def\textbackslash arrowvert\delimiter"033C000 \textbackslash def\textbackslash Updownarrow\delimiter"326D377 \textbackslash def\textbackslash Arrowvert\delimiter"033D000 \textbackslash def\textbackslash vert\delimiter"026A30C \textbackslash def\textbackslash Vert\delimiter"026B30D \textbackslash def\textbackslash backslash\delimiter"026E30F \textbackslash def\textbackslash bracevert\delimiter"033E000}

Page A364, line 35 (11/6/88)
\texttt{\textbackslash def\textbackslash fmtname\textbackslash (plain)\textbackslash def\textbackslash fmtversion(2.94) \% identifies the current format}

Page A379, line 15 (10/12/87)
\texttt{\textbackslash def\textbackslash deleterightmost\#1\{\textbackslash expandafter\textbackslash xyzzy\#1\textbackslash xyzzy\}}
Consequently there was plenty of room for more macros: $52821 - 27618 = 25203$ unused cells of main memory, $2500 - 1172 = 1328$ of name memory, $1685 - 209 = 1476$ of string memory, and $17636 - 1659 = 15977$ of character memory. But a fairly large \TeX was being used, and only the macros of Appendices B and E were loaded; in other circumstances it might have been necessary to conserve space.

If a suitable starting letter is found, let it be in font $f$. Hyphenation is abandoned unless the \texttt{hyphenchar} of $f$ is between 0 and 255, and unless a character of that number exists in the font. 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 \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 $f$.
Page A473, entry for ‘page builder’ (8/13/87)
when exercised, 122, 280–283, 286–287.

Page A474, left column (12/27/88)
\texttt{\textbackslash parshape}, 101–102, 214, 271, 277, 283,

Page A480, right column (2/15/88)
\texttt{\textbackslash vdots (\ldots)}, 177, 359.

Page A481, right column (7/3/87)
\texttt{\textbackslash z@}, 347, 348.
\texttt{\textbackslash z\textbackslash@skip}, 347, 348.

Page B2, line 32 (2/20/89)
\texttt{define banner} $\equiv$ \texttt{\textasciitilde This\textbackslash is\textbackslash tex\textbackslash,\textbackslash version\textbackslash 2.97}\{printed when \TeX\ starts\}

Page B38, lines 7–9 from the bottom (11/6/88)
[Delete this paragraph; it is being moved to page B214.]

Page B38, line 5 from the bottom (12/14/88)
\begin{verbatim}
begin if log\_opened then selector \leftarrow term\_and\_log
if log\_opened then error;
\end{verbatim}

Page B52, line 5 (8/13/87)
cannot be done, i.e., if hi\_mem\_min = lo\_mem\_max + 1, we have to quit.

Page B54, lines 34–35 (7/9/88)
\begin{verbatim}
begin if hi\_mem\_min − lo\_mem\_max \geq 1998 then t \leftarrow lo\_mem\_max + 1000
\textbf{else} t \leftarrow lo\_mem\_max + 1 + (hi\_mem\_min − lo\_mem\_max) \textbf{div} 2; \{ lo\_mem\_max + 2 \leq t < hi\_mem\_min \}
\end{verbatim}

Page B108, new line after line 8 (5/24/88)
\texttt{d: integer; \{ number of characters in incomplete current string\}}
Page B108, lines 31–33 (5/24/88)

```
str_room(l); d ← cur_length;
while pool_ptr > str_start[ptr] do 
  begin decr(pool_ptr); str_pool[pool_ptr + l] ← str_pool[pool_ptr];
  end;  { move current string up to make room for another }
for k ← j to j + l − 1 do append_char(buffer[k]);
text(p) ← make_string; pool_ptr ← pool_ptr + d;
```

Page B115, line 12 (4/28/88)

```
group_code = 0 . . max_group_code;  { save_level for a level boundary }
```

Page B141, line 19 (4/28/88)

```
par_token: halfword;  { token representing ‘\par’ }
```

Page B150, line 24 (4/28/88)

**358.** The present point in the program is reached only when the expand routine has inserted

Page B151, mini-index (4/28/88)

Delete the entry for ‘no_expand’; replace it by:

```
expand: procedure, §366.
```

Page B154, lines 25, 29, 34 respectively (9/20/87)

```
cvl_backup, radix_backup, co_backup: small_number;  { to save cur_val_level, etc. }
co_backup ← cur_order; backup_backup ← link(backup_head);
cur_order ← co_backup; link(backup_head) ← backup_backup;
```

Page B155, new entry for mini-index (9/20/87)

```
cur_order: glue_ord, §447.
```

Page B156, line 28 (12/23/87)

```
begin eq_define(cur_cs, relax, 256);
```

Page B157, mini-index (12/23/87)

Delete the entries for ‘eqtb’ and ‘frozen_relax’; replace them by the following:

```
eq_define: procedure, §227.
relax = 0, §207.
```

Page B162, lines 12–14 (4/30/88)

```
repeat link(temp_head) ← null;
  if (info(r) > match_token + 127) ∨ (info(r) < match_token) then s ← null
  else begin match_chr ← info(r) − match_token; s ← link(r); r ← s; p ← temp_head; m ← 0;
```
Page B177, bottom line before mini-index (7/13/88)

cur_val ← 0; cur_val_level ← int_val; radix ← 0; cur_order ← 0;

Page B181, line 31 (4/28/88)

[Change ‘x units per sp’ to ‘x sp per unit’! This change also should be made on line 1 of page B183 and line −8 of page B590.]

Page B188, line 8 (5/25/88)

function str_toks(b : pool_pointer): pointer; { changes the string str_pool[b . pool_ptr] to a token list }

Page B188, line 13 (5/25/88)

begin str_room(1); p ← temp_head; link(p) ← null; k ← b;

Page B188, line 20 (5/25/88)

pool_ptr ← b; str_toks ← p;

Page B188, new line after line 28 (5/25/88)

b: pool_pointer; { base of temporary string }

Page B188, line 31 (5/25/88)

del begin old_setting ← selector; selector ← new_string; b ← pool_ptr;

Page B188, line 41 (5/25/88)

selector ← old_setting; the_toks ← str_toks(b);

Page B190, lines 16–18 (5/25/88)

b: pool_pointer; { base of temporary string }

begin c ← cur_chr; { Scan the argument for command c 471};
old_setting ← selector; selector ← new_string; b ← pool_ptr; { Print the result of command c 472};
selector ← old_setting; link(garbage) ← str_toks(b); ins_list(link(temp_head));

Page B210, line 36 (5/25/88)

begin if (pool_ptr + name_length > pool_size) ∨ (str_ptr = max_strings) ∨ (cur_length > 0) then

Page B211, new line of code before the mini-index (12/14/88)

log_opened: boolean; { has the transcript file been opened? }

Page B212, line 5 (12/14/88)

job_name ← 0; name_in_progress ← false; log_opened ← false;
Page B213, line 24
\[
\log\text{name} \leftarrow \text{a_make_name_string}(\log\text{file}); \text{ selector} \leftarrow \text{log}\_\text{only}; \text{ log}\_\text{opened} \leftarrow \text{true};
\]

Page B214, lines 2 and 3
\[
\text{messages or even to } \text{show_context}. \text{ The } \text{prompt_file_name} \text{ routine can result in a } \text{fatal_error}, \text{ but the } \text{error} \text{ routine will not be invoked because } \text{log}\_\text{opened} \text{ will be false.}
\]

The normal idea of \textit{batch_mode} is that nothing at all should be written on the terminal. However, in the unusual case that no log file could be opened, we make an exception and allow an explanatory message to be seen.

Page B214, lines 7–11 reduce to a single line
\[
\text{begin } \text{selector} \leftarrow \text{term}\_\text{only};
\]

Page B224, second-last line
\[
\text{done: if } \text{file}\_\text{opened} \text{ then } \text{b}\_\text{close}(\text{tfm}\_\text{file}); \text{ read_font_info} \leftarrow g;
\]

Page B229, lines 6–8
\[
\text{than } 2^{27}. \text{ If } z < 2^{23}, \text{ the individual multiplications } b \cdot z, c \cdot z, d \cdot z \text{ cannot overflow; otherwise we will divide } z \text{ by } 2, 4, 8, \text{ or } 16, \text{ to obtain a multiplier less than } 2^{23}, \text{ and we can compensate for this later. If } z \text{ has thereby been replaced by } z' = z/2^e, \text{ let } \beta = 2^{4-e}; \text{ we shall compute}
\]

Page B229, lines 11–12
\[
\text{if } a = 0, \text{ or the same quantity minus } \alpha = 2^{4+e}z' \text{ if } a = 255. \text{ This calculation must be done exactly, in order to guarantee portability of } \TeX \text{ between computers.}
\]

Page B230, lines 2–5
\[
\text{begin } \alpha \leftarrow 16; \text{ while } z \geq '40000000 \text{ do } \begin{align*}
\text{beta} & \leftarrow z \div 2; \text{ alpha} \leftarrow \text{alpha} + \text{alpha}; \text{ end;} \\
\text{alpha} & \leftarrow \text{256 div alpha}; \text{ beta} \leftarrow \alpha + \text{alpha} * z;
\end{align*}
\]

Page B245, new entry for mini-index
\[
\text{cur_s: integer, §616.}
\]

Page B254, line 29
\[
\text{cur_s: integer; } \{ \text{current depth of output box nesting, initially } -1 \}
\]

Page B254, line 31
\[
\text{[Remove the statement } \text{`cur_s} \leftarrow -1;\text{` and put it on page B244 at the end of line 31.]}\]
Page B259, line 13 (11/9/87)

\begin{verbatim}
begin rule wd ← rule wd + 10; \{ compensate for floating-point rounding \}
edge ← cur_h + rule wd; lx ← 0; \{ Let cur_h be the position of the first box, and set
\end{verbatim}

Page B259, line 17 (11/9/87)

\begin{verbatim}
cur_h ← edge − 10; goto next_p;
\end{verbatim}

Page B263, line 21 (11/9/87)

\begin{verbatim}
begin rule ht ← rule ht + 10; \{ compensate for floating-point rounding \}
edge ← cur_v + rule ht; lx ← 0; \{ Let cur_v be the position of the first box, and set
\end{verbatim}

Page B263, line 25 (11/9/87)

\begin{verbatim}
cur_v ← edge − 10; goto next_p;
\end{verbatim}

Page B266, line 8 (8/7/87)

\begin{verbatim}
dvi_out(eop); incr(total_pages); cur_s ← −1;
\end{verbatim}

Page B266, new code between lines 31 and 32 (8/7/87)

\begin{verbatim}
while cur_s > −1 do
\begin{verbatim}
begin if cur_s > 0 then dvi_out(pop)
else begin dvi_out(eop); incr(total_pages)
end;
der(cur_s);
end;
\end{verbatim}
\end{verbatim}

Page B285, line 21 (4/28/88)

is subsidiary to the nucleus field of some noad; the dot is replaced by ‘.’ or ‘*’ or ‘/’ or ‘\’ if p is

Page B338, second-last line (8/19/87)

\begin{verbatim}
q ← link(head); s ← head;
\end{verbatim}

Page B339, line 4 (8/19/87)

\begin{verbatim}
s ← q; q ← link(q);
\end{verbatim}

Page B339, new code to insert after line 10 (8/19/87)

\begin{verbatim}
if o ≠ 0 then
\begin{verbatim}
begin r ← link(q); link(q) ← null; q ← hpack(q, natural);
shift_amount(q) ← o; link(q) ← r; link(s) ← q;
end;
\end{verbatim}
\end{verbatim}

[These new lines also imply changes to the index that aren’t shown in this errata list.]
is quite short. In the following code we set $hc[hn + 2]$ to the impossible value 128, in order to

\[
hc[0] \leftarrow 127; \; hc[hn + 1] \leftarrow 127; \; hc[hn + 2] \leftarrow 128; \quad \{ \text{insert delimiters} \}
\]

(Enter as many hyphenation exceptions as are listed, until coming to a right brace; then \textbf{return} 961); [The same change applies to lines 20–21, and to page 582.]

\[
\text{trie}_\text{link} (\text{trie}_\text{size}) \leftarrow 0; \; \text{trie}_\text{back}(0) \leftarrow \text{trie}_\text{size}; \quad \{ \text{wrap around} \}
\]

\[
r \leftarrow \text{trie}_\text{size}; \quad \{ \text{finally, we will zero out the holes} \}
\]

\[
\text{shrink}_\text{order} (r) \leftarrow \text{normal}; \; \text{delete}_\text{glue}_\text{ref}(q); \; \text{glue}_\text{ptr}(p) \leftarrow r; \; q \leftarrow r;
\]

\[
q \leftarrow \text{new}_\text{skip}_\text{param}(\text{top}_\text{skip}_\text{code}); \quad \{ \text{now temp}_\text{ptr} = \text{glue}_\text{ptr}(q) \}
\]

\[
\text{shrink}_\text{order}(r) \leftarrow \text{normal}; \; \text{delete}_\text{glue}_\text{ref}(q); \; \text{glue}_\text{ptr}(p) \leftarrow r; \; q \leftarrow r;
\]
Page B507, line 13 (12/14/88)

\[ \text{if } \log_{\text{opened}} \text{ then selector} \leftarrow \text{selector} + 2; \]

Page B527, line 21 (12/14/88)

\[ \text{if } \log_{\text{opened}} \text{ then} \]

Page B528, line 5 (12/14/88)

\[ \text{if } \log_{\text{opened}} \text{ then} \]

Page B547, right column (9/20/87)

\text{co\_backup: 366.}

Page B548, right column (9/20/87)

\text{cur\_order: 366, 447, 448, 454, 462.}

Page B548, right column (8/7/87)

\text{cur\_a: 593, 616, 619, 629, 640, 642.}

Page B551, both columns (12/23/87)

[Remove ‘372’ from eqtb and put it into eq\_define.]

Page B552, left column (4/28/88)

[Insert ‘358’ into expand.]

Page B554, left column (12/23/87)

[Remove ‘372’ from frozen\_relax.]

Page B559, new entry (12/14/88)

\text{log\_opened, 92–93, 527, 528, 534–535, 1265, 1333–1334.}

Page B559, right column (8/13/87)

[Delete the entry for low\_mem\_max.]

Page B562, left column (4/28/88)

[Remove ‘358’ from no\_expand.]

Page B565, left column (8/7/87)

\text{pop: 584–585, 586, 590, 601, 608, 642.}
Page B567, left column (12/23/87)
[Insert ‘372’ into relax.]

Page B568, left column (4/28/88)
[Move ‘269’ from save_index to save_level.]

Page C26, bottom line (7/18/87)
What angle corresponds to the direction North-Northwest?

Page C107, line 13 (10/7/87)
\[\text{pickup penrazor } \text{xscaled heavyline rotated } (\text{angle}(z_{32} - z_{31}) + 90)\;\]

Page C164, line 10 (4/27/88)
y_{kc} = \text{top } y_{kl}; \quad y_{kd} = \text{y}_{kr}; \quad x_{kc} = x_{kl} - \text{left_jut}; \quad x_{kd} = x_{kr} + \text{right_jut};

Page C175, line 23 (1/11/88)
expand into a sequence of tokens. (The language SIMULA67 demonstrated that it is

Page C241, line 11 (5/25/88)
\[\text{numeric } ht^{#}, dp^{#}; \quad ht^{#} = \text{body_height}^{#}; \quad .5[ht^{#}, -dp^{#}] = \text{axis}^{#};\]

Page C248, line 21 becomes two lines (1/24/89)
which might not be numerically stable in the presence of rounding errors.) Another
case, not really desirable, is \text{left\_jut} = \text{right\_jut} = 0.

Page C262, line 15 (12/23/88)
string base_name, base_version; base_name="plain"; base_version="1.7";

Page C271, line 12 (1/4/89)
the user and METAFONT’s primitive picture commands. First, some important program

Page C271, line 4 from the bottom (12/23/88)
def cutdraw expr p = \% caution: you may need autorounding=0

def cutdraw expr p = \% caution: you may need autorounding=0

def cutdraw expr p = \% caution: you may need autorounding=0

Page C272, lines 5 and 6 (12/23/88)
\[\text{(cut\_sca}led (i+max(pen_lft,pen_rt,pen_top,pen_bot)))} \quad \text{rotated theta shifted z)}t_\;\]
Page C273, lines 20 and 22 (9/26/88)

\((z+(0,pen\_top))t_\_\text{round}((z+(0,pen\_top))t_\_); z\_\text{enddef};
\((z+(0,pen\_bot))t_\_\text{round}((z+(0,pen\_bot))t_\_); z\_\text{enddef};

Page C290, line 6 from the bottom (12/23/88)

(2) A throwaway variable, ‘\textit{whatever}’, nullifies an unwanted equation at the beginning

Page C331, just below the illustration (7/18/87)

Such a pattern is, of course, rather unlikely to occur in a \texttt{gf} file, but \texttt{GFtoDVI} would

Page C337, line 11 (4/28/88)

An online “menu” of the available test routines will be typed at your terminal

Page C346, entry for \texttt{autorounding} (12/23/88)


Page C350, left column (7/6/88)

Fatal base file error, 226.

Page C356, left column (1/11/88)

\texttt{SIMULA67} language, 175.

Page C358, right column (2/15/88)

*\texttt{yoffset}, 212, 220, 315, 324.

Page D2, line 27 (12/14/88)

\texttt{define banner \equiv \textit{This is META}\_\texttt{FONT, Version 1.7} \{} \textit{printed when META}\_\texttt{FONT starts} \}\{

Page D36, lines 3–5 (11/6/88)

[Delete this paragraph; it is being moved to page D349.]

Page D36, line 7 (12/14/88)

\texttt{begin if log\_opened then selector \leftarrow term\_and\_log}

Page D36, line 16 (12/14/88)

\texttt{if log\_opened then error;}

Page D66, lines 34–35 (7/9/88)

\texttt{begin if hi\_mem\_min - lo\_mem\_max \geq 1998 then t \leftarrow lo\_mem\_max + 1000
else t \leftarrow lo\_mem\_max + 1 + (hi\_mem\_min - lo\_mem\_max) \texttt{div} 2; \{} \texttt{lo\_mem\_max + 2 \leq t < hi\_mem\_min} \}
Page D347, new line of code after line 5 (12/14/88)

log_opened: boolean;  { has the transcript file been opened? }

Page D347, line 11 (12/14/88)

job_name ← 0; log_opened ← false;

Page D348, line 4 from the bottom (12/14/88)

log_name ← a_make_name_string(log_file); selector ← log_only; log_opened ← true;

Page D349, lines 6 and 7 (12/14/88)

print error messages or even to show_context. The prompt_file_name routine can result in a fatal_error, but the error routine will not be invoked because log_opened will be false.

The normal idea of batch_mode is that nothing at all should be written on the terminal. However, in the unusual case that no log file could be opened, we make an exception and allow an explanatory message to be seen.

Page D349, lines 11–15 reduce to a single line (12/14/88)

begin selector ← term_only;

Page D420, bottom line (5/25/88)

if txx mod unity = 0 then

Page D441, delete line 2 and change line 12 as follows (5/25/88)

done: if eq_type(x) ≠ tag_token then clear_symbol(x,false);
if equiv(x) = null then new_root(x);
scanDeclared_variable ← h;

Page D444, line 8 from the bottom (12/14/88)

if log_opened then selector ← selector + 2;

Page D510, line 14 (12/14/88)

if log_opened then

Page D511, line 11 (12/14/88)

if log_opened then

Page D530, new entry (12/14/88)

log_opened, 87–88, 782, 783, 788–789, 1023, 1205, 1208.
zscaled primitive: 893.
Zabala Salelles, Ignacio Andres: 812.

Page E32, second-last line (9/20/87)
after which comes `math_axis`; generate mathsy (which we won’t bother to

Page E111, line 29 (10/16/88)
\[
\begin{align*}
\lf x_{11} &= \text{hround } u; \\
x_{11} - x_{11} &= x_{21} - x_{12} = x_{22} - x_{2r} = \text{hround} 1.6\text{cap_jut};
\end{align*}
\]

Page E285, bottom line (12/1/87)

Due to Technical Developments (1968)

Page E333, lines 9–11 (1/9/89)

Page E387, line 13 (8/12/87)

Page E413, lines 37–38 (8/12/87)

Page E459, line 24 (8/7/87)

Page E471, line 5 (12/11/88)

Page E471, insert two lines below the rule at bottom of page (12/11/88)
Page E477, line 20 (12/11/87)

\[ x_4 = x_8 = \text{good}.x.5w; \text{ center}_\text{on}(x_4); \quad x_2 = w - x_6 = \text{good}.x(x_4 + a); \]

Page E483, third line of elementary division operator (12/11/88)

\[ x_3 - .5\text{dot\_size} = \text{hround}.(5w - .5\text{dot\_size}); \text{ center}_\text{on}(x_3); \]

Page E485, line 4 (8/7/87)

[Delete the '=' sign between 'lft' and 'x_5'.]

Page E487, line 17 (8/4/88)

\[ \text{fill} \text{ fullcircle} \text{ scaled} (\text{bold} + 3.8w + \text{eps}) \text{ shifted} (.5[z_4, z_8]); \quad % \text{ dot} \]

[Also remove page 487 from the index entry for \text{dot\_size}, and add it to the entries for \text{bold} and \text{dw}.]

Page E515, lines 5 and 12 (12/11/88)

\[ .5[x_1, x_2] = x_3 = \text{good}.x.5w; \text{ center}_\text{on}(x_3); \quad \text{lft} x_1 = \text{hround}.(5w - u + \text{sqrt}48); \]

Page E515, line 21 (1/23/89)

\[ \text{labels}(5, 6); \text{ zero\_width}; \text{ endchar}; \]

[Also put labels '5' and '6' on the upper right figure, page E514.]

Page E521, lines 4 and 14 (12/12/88)

\[ x_1 = x_2 = \text{good}.x.5w; \text{ center}_\text{on}(x_1); \quad \text{lft} x_3 = \text{hround} u; \quad x_4 = w - x_3; \]

Page E537, line 6 (12/11/88)

\[ x_1 = x_2 = x_3 = x_4; \quad x_1 - .5\text{stem} = \text{hround}.(5w - .5\text{stem}); \text{ center}_\text{on}(x_1); \]

Page E537, line 19 (12/11/88)

\[ x_1 = x_2 = x_3; \quad x_1 - .5\text{stem} = \text{hround}.(5w - .5\text{stem}); \text{ center}_\text{on}(x_1); \]

Page E539, line 4 (12/11/88)

\[ x_1 = x_4 = x_30 = x_33 = \text{good}.x.5w; \text{ center}_\text{on}(x_1); \]

Page E539, line 21 (12/11/88)

\[ x_1 = x_4 = \text{good}.x.5w; \text{ center}_\text{on}(x_1); \]

Page E541, line 4 (12/11/88)

\[ x_1 = x_5 = \text{good}.x.5w; \text{ center}_\text{on}(x_1); \]
Page E541, line 17 (12/11/88)
\[ x_1 = x_{10} = \text{good} \cdot x \cdot 5w; \quad \text{center}_on(x_1); \]

Page E550, new line after line 23 (8/15/87)
\begin{verbatim}
\textbf{forsuffixes} \$ = \text{notch\_cut, cap\_notch\_cut}: \textbf{if} \$ < 3: \$ := 3; \textbf{fi endfor}
\end{verbatim}
[To make room for this, combine lines 38 and 39 into a single line.]

Page E550, line 29 (7/9/88)
\begin{verbatim}
\textbf{define\_whole\_vertical\_blacker\_pixels}(\text{vair}, \text{bar}, \text{slab}, \text{cap\_bar}, \text{cap\_band});
\end{verbatim}

Page E572, new entry at bottom (12/11/88)
\begin{verbatim}
\text{center\_on, 471, 477, 483, 515, 521, 537–541.}
\end{verbatim}