A bug in my book!

On page 191, at the end of Chapter 24 of "A Discipline of Programming" (Prentice-Hall, 1976) the following Note should be added:

Note 3. In the program as published above, Mark Bebie has found an error. In order to maintain the convention

"set(i) = 2 and set(-i) edge i is a processed edge of the clockwise boundary of the light cap"

the values of set(i) and set(-i) have to be adjusted when edge i is processed, i.e. b:hiext(i) takes places. In "extend b and refresh xx" this has been done (in the third line), in "inspect face along -xx", however, it has erroneously been omitted. Its tenth line

$$\underline{do}$$
 b.dom = 0 \rightarrow b:hiext(1umen * yy) \underline{od}

should therefore be replaced by

<u>od</u>

(End of note 3.)

* *

Two further corrections.

On page 159, line 21 from above

begin glocon N, to, lcr; glovar from, uvl, suv, min, h; privar len; should be replaced by

begin glocon to, lcr; glovar from, uvl, suv, min, h; privar len;
On page 141, line 11 from above

$$x^{2} + y^{2} \le r$$
 and $x^{2} + (y + 1)^{2} < r$

should be replaced by

$$x^{2} + y^{2} \le r$$
 and $x^{2} + (y + 1)^{2} > r$