

```
1 procedure eclipse(G,p)
2   foreach s∈G do
3      $\omega \leftarrow (\text{pos}(s) + \text{len}(s) - p) \bmod 3;$ 
4     eclipseds[ $\omega$ ] ← true;
5     if eclipseds[ $(\omega+1) \bmod 3$ ] and
6       eclipseds[ $(\omega+2) \bmod 3$ ] then
7       drop(s,G);
```