```
1  ---------------------- MODULE probleme4 ----------------------
2  EXTENDS Naturals , Sequences , TLC
3  CONST m
4
5  Remove(i , seq) == [j \in 1..(Len(seq)-1) |-> IF j < i THEN seq[j] ELSE seq[j+1]]
6
7  (*
8  --algorithm  algo {
9
10 variable
11     e2c = <<>>; c2p = <<>>;
12
13 macro Send(m, chan) {
14     chan := Append(chan , m);
15   };
16
17 macro Recv(v, chan) {
18     await chan # <<>>;
19     v := Head(chan);
20     chan := Tail(chan);
21   };
22
23 macro get(v, set) {
24       with (x \in set) {
25            v := x;
26              set := set \ {x};
27 };
28 }
29
30
31 process (E = 4 )
32
33 process (C = 2 )
34
35 process (P = 8 )
36
37
38 } \* end algorithm
39
40 *)
41
42
43 ==========================================================
```

Figure 1: Trois processus communiquent