$P_1$  $P_2$ ---  $P_i$ ---  $P_n$

4  7  -1 → finalizado  -2  Vacío

C  1 3

$P_1$  $P_2$ ---  $P_i$ ---  $P_n$

1  3  1  -2
2  4  4  3
6  5  5  5
6  -2  -1  -2 finalizado
9  -2  -2  -2  vacíos

C →

$$empty \leftarrow (1, \emptyset)$$
$$non\text{-}empty \leftarrow (0, \emptyset)$$

Producer

loop

    empty . wait ( )

    produar

    non- empty . signal( )

Consumer

loop

    non-empty . wait( )

    consumor

    empty . signal ( )

Producer $i$

loop

    empty$_i$ . wait ( )

    produar

    non- empty$_i$ . signal( )

Consumer

    for $i$ in $\bigcirc$

        non-empty$_i$ . wait( )

    loop

        $i$ ⟵ mínimo

        empty$_i$ signal ( )

        consumor

        non-empty$_i$ wai ( )