| A1 and A2 | P1 or A2 | P3 and P2 |
|---------------------|-------------------------|-----------------------|
| up(P2) | down(P1) | up(P2) |
| down(P3) | $send(P2, \rightarrow)$ | down(P1) |
| $send(P3,\uparrow)$ | | $send(P1,\downarrow)$ |
| down(P1) | | |