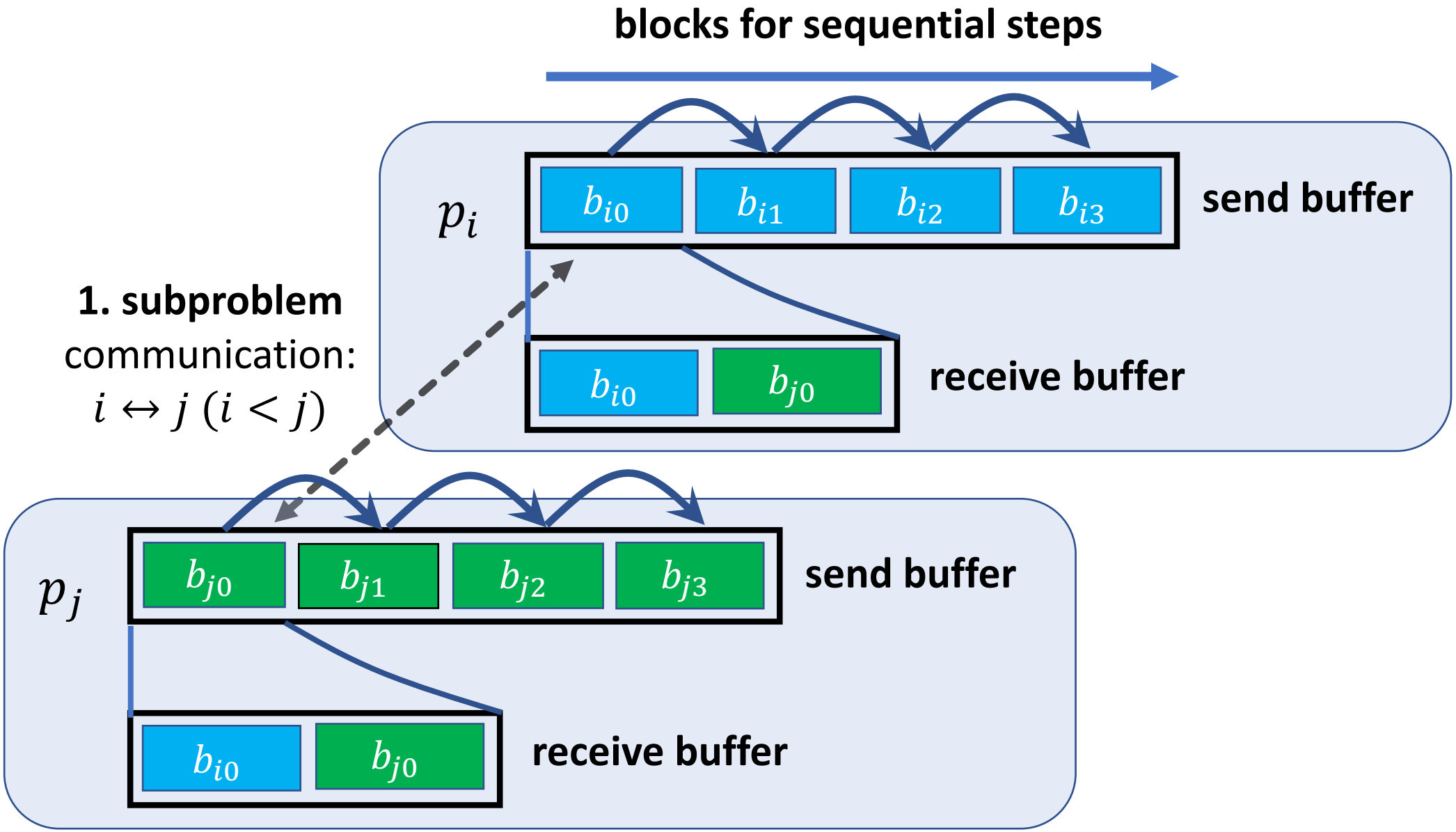
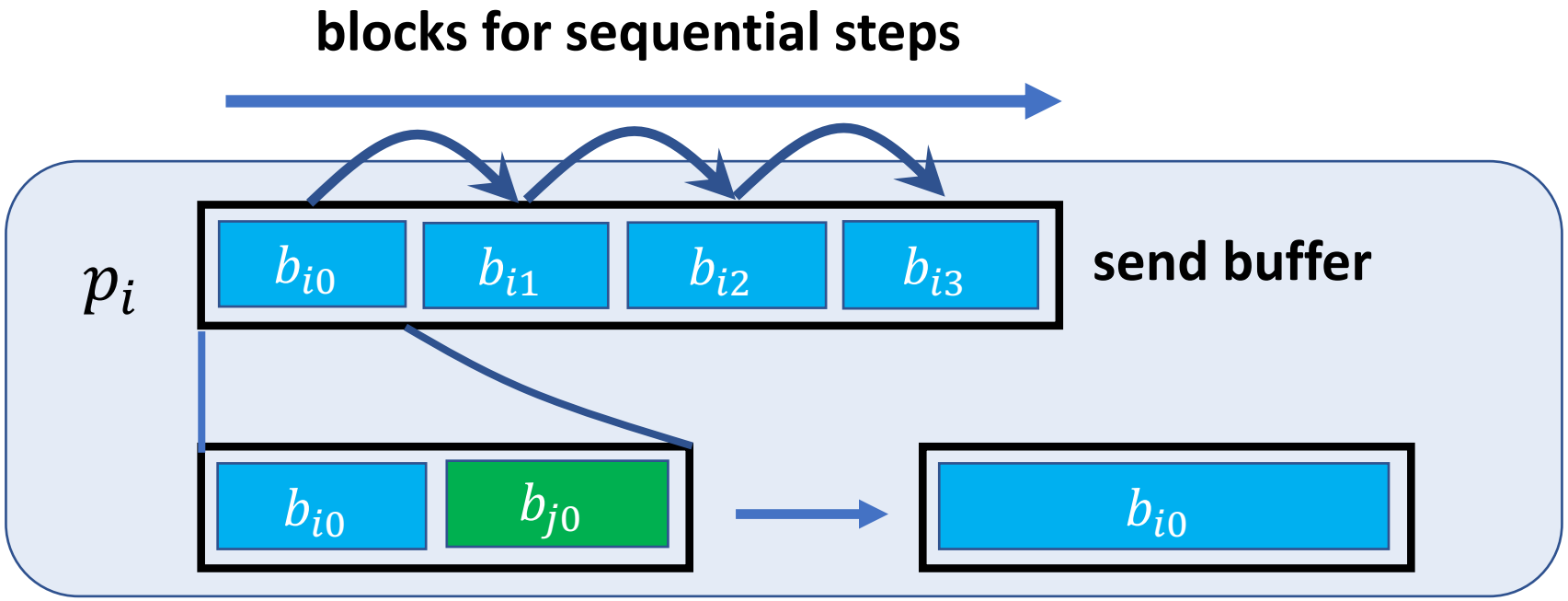
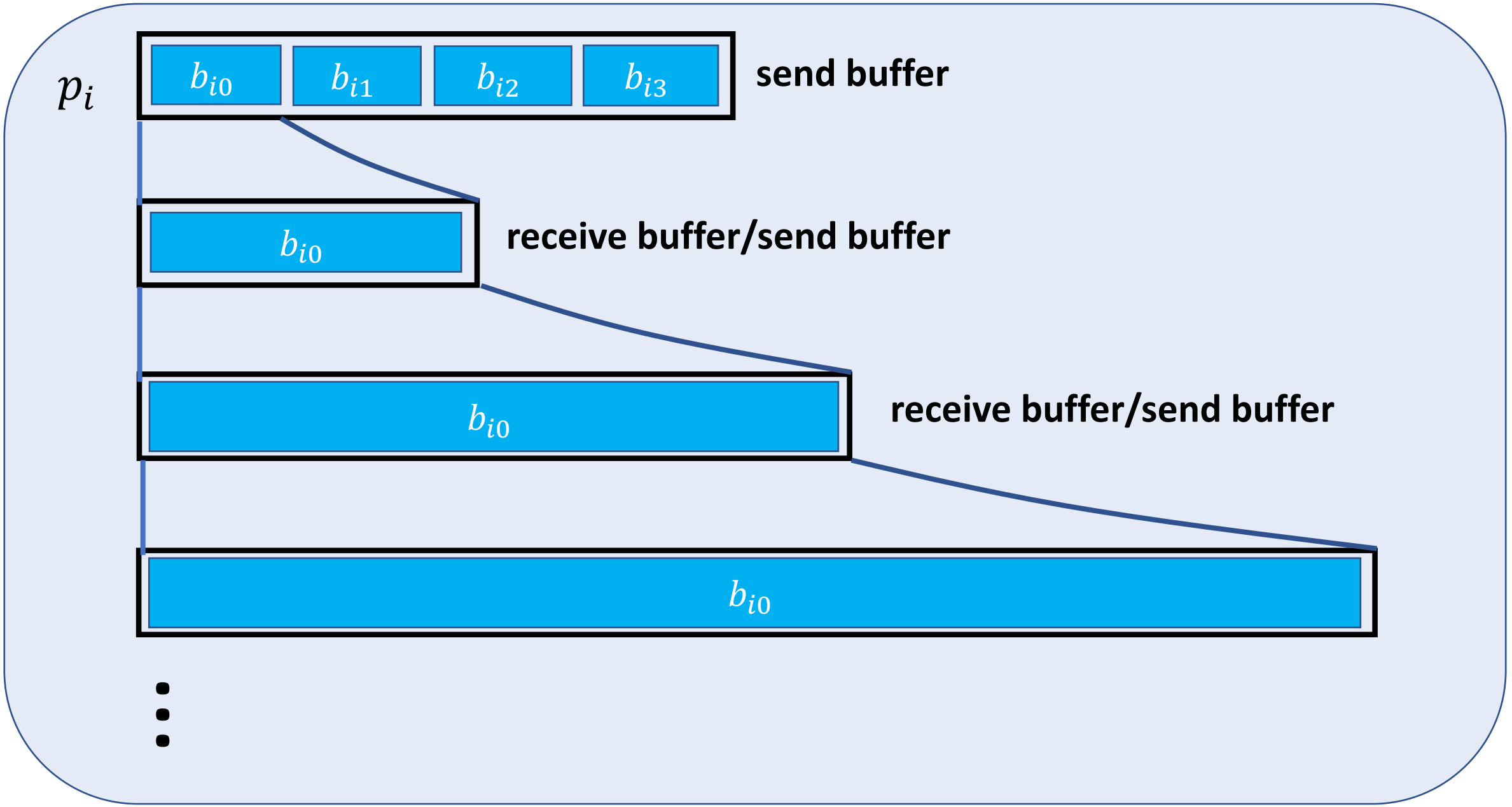
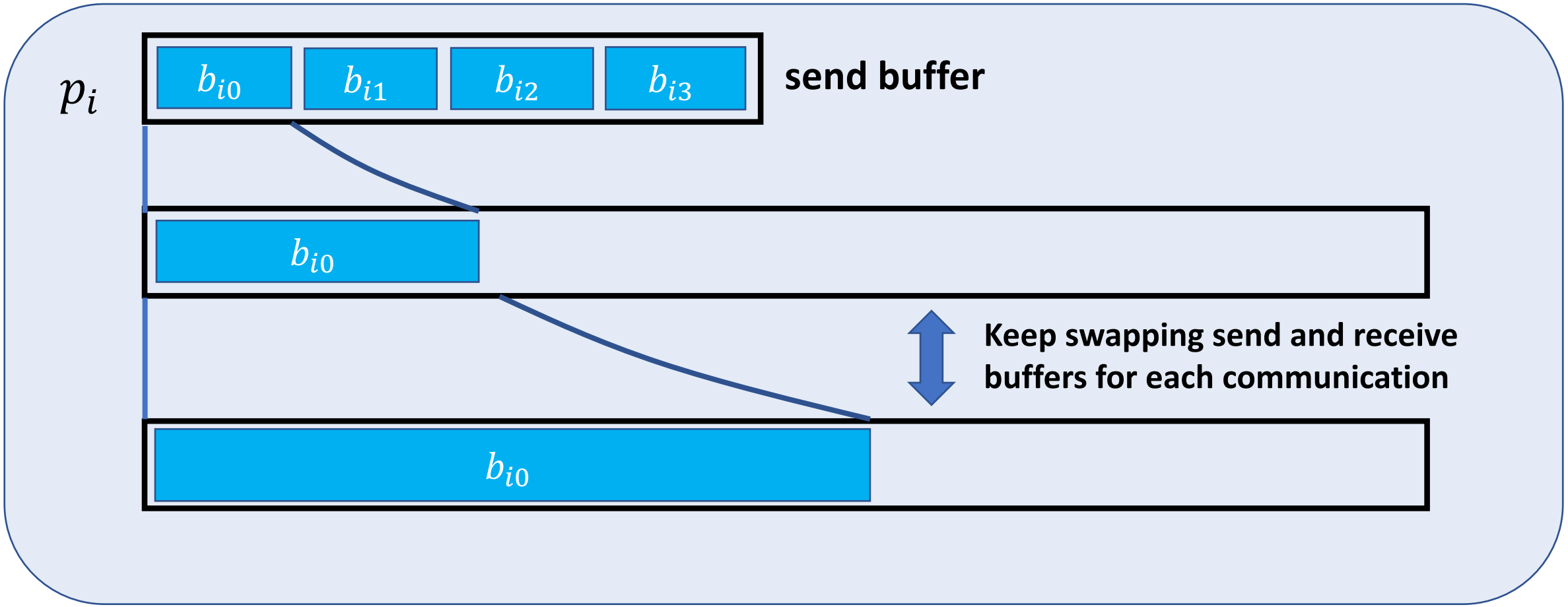

blocks for sequential steps
p_i
b_{i0}
b_{i1}
b_{i2}
b_{i3}
send buffer
b_{i0}
b_{j0}
receive buffer
1. subproblem
communication:
$i \leftrightarrow j$ $(i < j)$
p_j
b_{j0}
b_{j1}
b_{j2}
b_{j3}
send buffer
b_{i0}
b_{j0}
receive buffer


blocks for sequential steps
p_i
b_{i0}
b_{i1}
b_{i2}
b_{i3}
send buffer
b_{i0}
b_{j0}
b_{i0}


p_i
b_{i0}
b_{i1}
b_{i2}
b_{i3}
send buffer
b_{i0}
receive buffer/send buffer
b_{i0}
receive buffer/send buffer
b_{i0}


p_i
b_{i0}
b_{i1}
b_{i2}
b_{i3}
send buffer
b_{i0}
Keep swapping send and receive buffers for each communication
b_{i0}