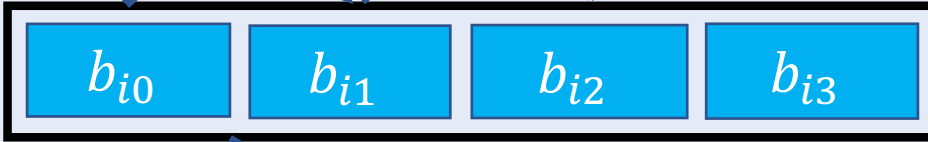


blocks for sequential steps



1. subproblem  
communication:  
 $i \leftrightarrow j$  ( $i < j$ )

$p_i$



send buffer



receive buffer

$p_j$



send buffer



receive buffer