



The diagram shows a 5x5 grid of points. The top half of the grid (rows 1-3) is labeled $A(\mathbf{R}_i)$. A 2x2 square is highlighted in this region, with its corners at (2,2), (3,2), (2,3), and (3,3) in 0-indexed coordinates. The bottom half of the grid (rows 4-5) is labeled $B(\mathbf{R}_i)$. A 2x2 square is highlighted in this region, with its corners at (0,4), (1,4), (0,5), and (1,5) in 0-indexed coordinates.

$A(\mathbf{R}_i)$

$B(\mathbf{R}_i)$