



A diagram showing a hexagonal lattice of green dots. A black rectangle is drawn over the lattice. The bottom-left corner of the rectangle is labeled $(0,0)$ and the top-left corner is labeled $(0, y_{2\max})$. The bottom-right corner is labeled $(0,1)$. A horizontal double-headed arrow labeled a_1 is shown between the bottom corners, and a vertical double-headed arrow labeled a_2 is shown between the bottom and top corners. To the left of the rectangle, a vertical double-headed arrow labeled r_2 indicates the height of the rectangle. Below the rectangle, a horizontal double-headed arrow labeled r_1 indicates the width of the rectangle. A black dot is located at the bottom-left corner of the rectangle, labeled (s_1, s_2) .

 r_2 $(0, y_{2\max})$ $(0,0)$ a_1 $(0,1)$ a_2 (s_1, s_2) r_1