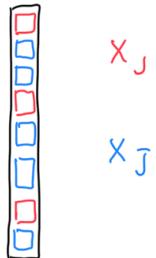


J et J bar

$$J \subseteq \{1, \dots, n\}$$

$$\bar{J} = \{1, \dots, n\} - J$$

Vector x



Matrix A

$$\left(\begin{array}{ccccccccc} & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \end{array} \right)$$

A matrix A is shown as a grid of colored rectangles. The columns are labeled a^1, a^2, \dots, a^n at the bottom. The rectangles are colored in pairs: red, blue, red, blue, red, blue, red, blue, red, blue. To the right of the matrix, the labels A^J in red and $A^{\bar{J}}$ in blue are written vertically.