



$$n1 \begin{bmatrix} 4 & -1 & 0 & \dots & -1 & 0 \\ -1 & 4 & -1 & \dots & 0 & -1 & 0 \\ & & & & & & \\ 0 & -1 & \dots & -1 & 4 & -1 & \dots & -1 \end{bmatrix} \begin{matrix} \mu_{00} \\ \mu_{01} \\ \mu_{02} \\ \vdots \\ \mu_{150} \end{matrix}$$

$$K: \{1, \dots, (n-2)^2\}$$

$$K = (n-2)i + j$$

$$i = K // (n-2)$$

$$j = K \% (n-2)$$

$$(i, j) \rightarrow (K, K)$$

$$K + (n-2)$$

$$K - (n-2)$$

$$n-1 + n-2 = 2n-3$$

$$n-1 - (n-2) = 1$$

$$b = [0, \dots, 0]$$

$$4\mu_{ij} - \mu_{i-1,j} - \mu_{i+1,j} - \mu_{i,j-1} - \mu_{i,j+1} = 0$$

$$i, j = 0 \quad b[(n-2)K] = 100$$