$$\mathbf{x}_{\mathcal{E}}$$
 ] Gaussian elimination  $\left[\begin{array}{c} \mathbf{x}_{\mathcal{E}} \end{array}\right]$   $\left[\begin{array}{c} \mathbf{x}_{\mathcal{E}} \end{array}\right]$   $\left[\begin{array}{c} \mathcal{O}(n) \end{array}\right]$