Cost of Pivoting

1分

Let $A \in \mathbb{R}^{n \times n}$ be a matrix. Suppose we compute the LU factorization using Naive GE and then using GE with Partial Pivoting.

What is the additional *cost* of using Partial Pivoting?

选项*

- ○ $\mathcal{O}(1)$
- ○ $\mathcal{O}(n)$
- ○ $\mathcal{O}(n \log n)$
- ○ $\mathcal{O}(n^2)$
- ○ $\mathcal{O}(n^3)$
- ○ None of these

保存回答   提交最终回答