

« Previous (/course/cs357-f15/flow-session/74254/0/)

下一页 » (/course/cs357-f15/flow-session/74254/2/)

结束 »

1 2 3 (/course/cs357-f15/flow-session/74254/0/) (/course/cs357-f15/flow-session/74254/2/)
4 5 (/course/cs357-f15/flow-session/74254/3/) (/course/cs357-f15/flow-session/74254/4/) (/course/cs357-f15/flow-session/74254/5/)
6 7 (/course/cs357-f15/flow-session/74254/6/)

Given an LU Factorization

1分

Let $A \in \mathbb{R}^{n \times n}$ be a matrix. Suppose that we have computed an LU factorization of A and have stored the $n \times n$ elements of L , U , and P .

What is the cost of solving $Ax = b$?

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