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Naive Gaussian Elimination

1分

Using naive Gaussian Elimination to solve the following matrix problem, what is the first pivot element?

$$Ax = \begin{bmatrix} 1 & 0 & 0 & 1000 \\ 50 & 2 & 3 & 100 \\ 2 & 1 & 1 & 10^{-2} \\ 10^{-2} & 1 & 1 & 2 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ x_3 \\ x_4 \end{bmatrix} = \begin{bmatrix} 1 \\ 1 \\ 1 \\ 1 \end{bmatrix} = b$$

选项*

- ○ Row 4, Column 1
- ○ Row 3, Column 1
- ○ Row 1, Column 1
- ○ Row 2, Column 1
- ○ Row 1, Column 4

参考答案: 'Row 1, Column 1'.