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4.6 Null Space, Column Space, Row Space

It should be clear to the reader that if A is invertible then $\text{Null } A = \{0\}$. Indeed, if A is invertible, then $Ax = 0$ only has the trivial solution. We state it as a theorem. Theorem 352 If A is invertible then $\text{Null } A = \{0\}$. In earlier chapters, we developed the technique, 2th, 2024

Null Space, Range, Row Space And Column Space

Space Method Rank Row Space (of A) Span of the rows of A Use the Row Space Method, or Transpose and Use the Column Space Method Rank Column Space (of A) Span of the columns of A Use the Column Space Method, or Transpose and Use the Row Space Method Rank For these pictures, I used the matrix $A = \begin{bmatrix} 1 & 2 & 6 & 2 & 4 & 12 \end{bmatrix}$. The Null Space is 2 dimensional. 1th, 2024

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