

2 21

11 2

11 2

11 2

11 2

2 2

2 2

2 1 -2

2 1 -2

- $\text{rank}(A) = \text{rank}(A^T) = \text{rank}(A^T A) = \text{rank}(A A^T)$
- $\text{rank}(A) = \text{rank}(A^T A) = \text{rank}(A A^T)$
- $\text{rank}(A) = \text{rank}(A^T A) = \text{rank}(A A^T)$
- $\text{rank}(A) = \text{rank}(A^T A) = \text{rank}(A A^T)$
- $\text{rank}(A) = \text{rank}(A^T A) = \text{rank}(A A^T)$

$\text{rank}(A) = \text{rank}(A^T A) = \text{rank}(A A^T)$

Handwritten mathematical notes, possibly related to eigenvalues and eigenvectors, including terms like λ , $\lambda - 2$, and $\lambda - 1$.

