

Key Takeaways

Properties of Trace of a Matrix

Let $A = [a_{ij}]_n$, and $B = [b_{ij}]_n$

- $Tr.(A) = Tr.(A')$
- $Tr.(kA) = k Tr.(A)$, k is scalar
- $Tr.(A \pm B) = Tr.(A) \pm Tr.(B)$
- $Tr.(AB) = Tr.(BA)$

