

Eigen Values and Characteristics roots ?

To find Eigen values use, $|A - \lambda I| = 0$

For characteristics roots, $(A - \lambda I)X = 0$

When represents characteristics roots in matrix they called Eigen vectors.

If A is an $n \times n$ matrix, then the sum of the n eigenvalues of A is the trace of A and the product of the n eigenvalues is the determinant of A.

Eigenvalues of a Matrix and its Transpose are same.

Related Posts:

1. Normal Forms
2. L-HOSPITAL RULE
3. Static Single Assignment
5. Birthday Attack