

EIGEN VECTOR

Square matrix

$$A V = \lambda V$$

eigenvalue

eigenvector

The diagram illustrates the eigenvalue equation $AV = \lambda V$. The matrix A is labeled as a "Square matrix" with a blue arrow pointing to it. The vector V on the left is labeled as an "eigenvector" with a red arrow. The scalar λ is labeled as an "eigenvalue" with a green arrow. The vector V on the right is also labeled as an "eigenvector" with a red arrow. The entire equation is written in a hand-drawn style with blue, red, and green ink.

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