

Linear Algebra Clue Based Word Search Answer Key

Directions: Find the words in the puzzle based on clues below.

N	I	E	I	N	C	S	E	P	Z	G	P	B	A	F	H	D	L	F	E
O	N	T	U	L	F	O	H	M	S	J	O	S	I	G	M	I	E	Q	H
N	P	R	A	A	P	S	M	D	Q	W	H	W	T	R	M	A	X	L	Q
W	S	A	W	Z	T	F	Q	Z	V	B	G	Y	O	I	O	G	W	P	A
X	Q	N	E	O	Y	C	Z	B	X	L	F	T	W	P	C	O	S	V	W
Q	Q	S	M	N	U	L	L	S	P	A	C	E	T	H	U	N	I	J	J
A	T	F	R	F	E	I	H	L	H	E	R	M	I	T	I	A	N	G	T
O	G	O	G	B	X	P	X	X	V	V	U	L	D	G	Y	L	G	L	B
R	O	R	T	H	O	G	O	N	A	L	I	T	Y	Y	K	I	U	V	S
D	H	M	V	O	E	L	E	T	W	P	E	U	P	E	V	Z	L	O	O
Q	O	A	S	W	W	G	K	Z	P	Y	W	N	U	S	U	A	A	D	Q
I	B	B	K	B	I	K	Z	L	N	S	E	L	D	A	G	B	R	P	R
Q	N	L	K	E	K	T	R	I	D	I	A	G	O	N	A	L	I	O	W
L	C	E	G	N	Z	H	D	R	W	V	R	Q	T	Z	T	E	T	Y	V
T	E	T	D	P	E	B	Z	S	N	T	J	T	Z	H	J	C	I	D	H
Y	S	O	B	N	L	U	H	E	H	O	W	B	K	D	A	G	E	H	U
X	I	R	H	G	G	B	G	H	V	G	X	K	S	F	P	I	S	N	M
B	B	K	T	F	T	I	Z	W	H	P	F	X	O	H	P	D	L	F	J
A	M	Z	R	L	E	M	U	S	F	W	W	C	P	Z	O	O	Y	C	F
X	A	R	P	R	L	Z	Q	W	J	N	Q	U	Y	N	F	H	B	M	K

- Eigenvector - A non-zero vector that maintains its direction after a particular matrix operation.
- Eigenvalue - A scalar that scales a vector when it undergoes a specific matrix transformation.
- Orthogonality - A property describing the perpendicularity of two elements in a given space.
- Diagonalizable - A characteristic of a matrix indicating it can be expressed in a simplified form using a specific transformation.
- Hermitian - A matrix property ensuring symmetry under a conjugate transpose operation.
- Singularities - Points or cases where a matrix or transformation fails to behave normally, often leading to undefined results.
- Transformable - A descriptor for an object or structure that can undergo a change in representation within a defined system.
- Tridiagonal - A structure where only the central and adjacent diagonal elements contain non-zero entries.
- Nullspace - The collection of all vectors that, when acted upon by a specific matrix, result in the zero vector.
- Cofactor - A value derived from a smaller component of a matrix, used in determinant calculations and other operations.

