The matrix

$$A = \left[\begin{array}{rrr} 2 & 0 & 0 \\ 9 & 7 & -12 \\ 8 & 6 & -11 \end{array} \right]$$

has eigenvalues -5, 1, and 2. Find its eigenvectors.

The eigenvalue -5 has associated eigenvector

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The eigenvalue 1 has associated eigenvector

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The eigenvalue 2 has associated eigenvector

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The matrix

$$A = \left[\begin{array}{ccc} 2 & 0 & 0 \\ 9 & 7 & -12 \\ 8 & 6 & -11 \end{array} \right]$$

has eigenvalues -5, 1, and 2. Find its eigenvectors.

The eigenvalue -5 has associated eigenvector

0	
-1	
-1	

The eigenvalue 1 has associated eigenvector

	0	
	-2	
	-1	

The eigenvalue 2 has associated eigenvector 3.

