

Quiz 6 Form A

Nov 10, 2017

[10] 1. $\mathcal{L}(u_2(t)(t + 5)) =$ _____

[10] 2. Find the eigenvalues and corresponding eigenvectors for $A = \begin{pmatrix} 1 & 2 \\ 2 & 4 \end{pmatrix}$

An eigenvalue of A is _____. The eigenvectors corresponding to this eigenvalue

are all nonzero multiples of _____.

An 2nd eigenvalue of A is _____. The eigenvectors corresponding to this

eigenvalue are all nonzero multiples of _____.