	NITIM PURDHIT 800956312 Classmate Date Page
	Quiz-1
,	The state of the s
03	$A = \begin{bmatrix} 0 & -1 \end{bmatrix}$
	12 3 1 -6 -6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6
701	MARADI. 1-
501	
	$A\overline{n} = a\overline{n}$
	$(A - \lambda I) \mathcal{H} = \mathcal{D} \Rightarrow (A - \lambda I) = 0$
	$\begin{bmatrix} 0 & -1 \\ 2 & 3 \end{bmatrix} = \begin{bmatrix} 2 & 0 \\ 0 & 2 \end{bmatrix} = 0$
	$\begin{bmatrix} -\lambda & -1 \\ 2 & 3-\lambda \end{bmatrix} = 0$
	$-3 - \lambda(3-\lambda) + 2 = 0$
	$\Rightarrow -3\lambda+\lambda^2+2=0$
	1 1 2 1 1 2 2 1 1 - 0 1 4
1	$=>$ $2^{2}-32+2=0$
	10 -) 2=1,2



