We can set
$$(\lambda-1)^2-(-\infty)$$
 $\lambda^2-2\lambda=0$
 $\lambda(\lambda-2)=0$
 $\lambda(\lambda-2)=0$

When $\lambda=0$
 $\lambda(\lambda-1)=(-\infty)$
 $\lambda(\lambda-$

Then, we canknow the matrix of how two independent eigenvery.

$$A = \begin{cases} a_{11} & a_{12} \\ a_{21} & a_{22} \end{cases}$$

$$A = \begin{cases} a_{11} & a_{12} \\ a_{21} & a_{22} \end{cases}$$

$$A = \begin{cases} a_{11} & a_{12} \\ a_{21} & b_{22} \end{cases}$$

$$A = \begin{cases} a_{11} & b_{11} + a_{11} & b_{21} \\ a_{21} & b_{11} + a_{21} & b_{22} \end{cases}$$

$$A = \begin{cases} a_{11} & b_{11} + a_{21} & a_{12} & b_{11} + a_{12} & b_{12} \\ a_{11} & b_{21} + a_{21} & b_{12} \end{cases}$$

$$A = \begin{cases} a_{11} & a_{12} & a_{12} & b_{11} + a_{12} & b_{12} \\ a_{11} & b_{21} + a_{21} & b_{12} \end{cases}$$

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Odet (25-AB) = x2-Canbutanher + ay het aziha) > 4 a 12 a 21 (Cb12 b21 - b1, b22) + on an Chilher-buther) € det(\2-17A)= >2-Can but 912by+921 by+ 921bu)) + 9/2011(h12h1-h11/22)+6/1922 C hibir - hicher) Bothotthem have the same drawet vista ogution 4. 1. let D= (3/2 //)=0 7=2 Conespusy PI[] 7=2,1 7=1 Correspond Pr=[-[] P= [P| D] = [| /] P - - - [- | /] $p+pp=\begin{pmatrix}2&0\\0&1\end{pmatrix}$ let D = (] () フレータニョニンターノングーンだっ スニノノン

$$P=[P_1P_2]=[P_1]$$

$$P=[P_1]$$

$$P=[P_2]$$

$$P=[P_$$