$$\begin{pmatrix} 1 & 7 & 7 & 7 \\ 1 & 6 & 5 & 9 \\ 1 & 6 & 6 & 7 \\ 1 & 7 & 7$$

$$A = 0 = 0$$
 $A = 0 = 0$ 
 $A = 0$ 
 $A = 0 =$ 

موجی Q = تعداد سون عیراملی = ۱

R: ~1 + + mp + + mp + + mp = . => ~, =- Y~~ (10) => Kernela vij : < (- < , - 1 , 1 , 0 )>  $A_{j-}(TV_{j})_{B'} = TV_{j-1} = \int_{B}^{\infty} J_{m-1} M$ کے النے ا TV = TI+M = SI+mdn=M+FM TV = TI+m+n = SI+ m+n dn = n+fm+fn  $= > \left[ T V_{1} \right]_{\mathcal{B}} = \left[ \begin{array}{c} i \\ i \\ \vdots \\ i \end{array} \right] \left[ T V_{r} \right]_{\mathcal{B}} = \left[ \begin{array}{c} i \\ i \\ i \end{array} \right]$  $\begin{bmatrix} T & T \\ T & T \\ T & T \end{bmatrix} \Rightarrow A = \begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 1 & 1 & 1 \\ 0 & 1 & 1$ 

$$\forall u \ V: (n, g, Z) = (n, y, Z) = \alpha(n, n)$$
  
  $+\beta(1, n, n) + \theta(a, b, c)$ 

$$\alpha(0,0,1) + \beta(1,0,0) + \theta(0,0,0) = 0$$

$$\beta + \theta \alpha = 0 \Rightarrow \beta = 0$$

$$\theta b = 0 \Rightarrow \theta = 0$$

$$\alpha + \theta E = 0 \Rightarrow \alpha = 0$$

$$\alpha + \theta E = 0 \Rightarrow \alpha = 0$$

$$\alpha + \theta E = 0 \Rightarrow \alpha = 0$$

$$\alpha + \theta E = 0 \Rightarrow \alpha = 0$$

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$$\alpha + \theta E = 0 \Rightarrow \alpha = 0$$

$$\begin{array}{l}
3 \cdot 2(...,1), (1,...), (a,b,c) \\
3 \cdot 2(...,1), (1,...), (a,b,c) \\
3 \cdot 2(...,1), (...,1), (...,1) \\
3 \cdot 2(...,1), (...,1), (...,1) \\
(1,...,1) = \frac{1}{6}(a,b,c) - \frac{a}{6}(1,...) - \frac{c}{6}(...,1) \\
(1,...,1) = \frac{1}{6}(a,b,c) - \frac{a}{6}(1,...,1) + \frac{a}{6}(...,1) \\
(1,...,1) = \frac{1}{6}(...,1) + \frac{a}{6}(...,1) \\
(1,...,1) = \frac{a}{6}(...,1) + \frac{a}{6}(...,1) \\
(1,...,1) = \frac{a}{6}(...,1$$

$$3$$
)  $\frac{1}{1}$   $\frac{1}{1}$ 

$$= M - \frac{1}{k}(1-1) = M$$

$$= M - \frac{1}{k}(1-1)$$

 $V_{1}=1 \Rightarrow U_{1}=\frac{V_{1}}{||V_{1}||}=\frac{1}{||V_{1}||}=\frac{1}{||V_{1}||}$ 

My Wr = Vr - Priju, = n - (~, 2) > 27

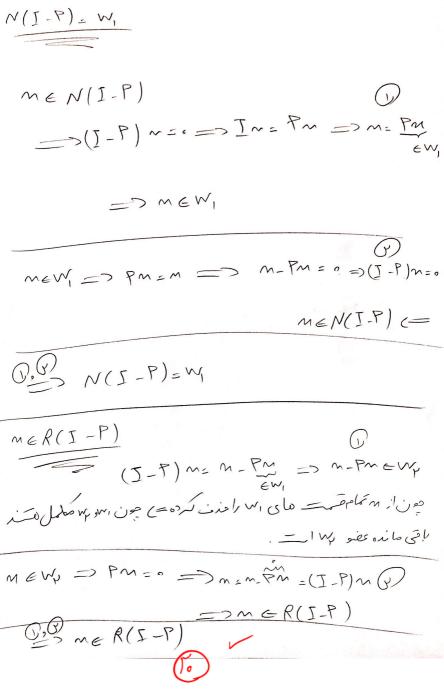
= 4

= m - fr fr mdm = n - f sn da

= M - 7 + M / -1

$$= \frac{1}{\sqrt{2}}$$

$$= \frac{$$



 $\frac{N(P)_{:} \vee \varphi}{=}$   $= > M \in N(P) = > P = = > M \in V \oplus \mathbb{O}$   $n \in V \Leftrightarrow = > P(m) = = > M \in N(P) \oplus \mathbb{O}$   $\mathcal{O}_{N(P)} = \mathcal{O}_{Y}$