$$g(z) = \begin{bmatrix} -1 \\ -2 \end{bmatrix} \begin{bmatrix} 2 \\ 1 \end{bmatrix} = \begin{bmatrix} -2 \\ -4 \\ -2 \end{bmatrix}$$

$$\Im(3) \leq 2 = \begin{bmatrix} -1 & -1 \\ -1 & -1 \end{bmatrix} \begin{bmatrix} -1 \\ -1 \end{bmatrix} = \begin{bmatrix} 1 \\ 2 \end{bmatrix}$$

$$[-2 -4]^{T} \text{ inner point} \Rightarrow (-2 \times -1) + (-4 \times -2) = 10$$

$$[-1 -2]^{T}$$

$$[-1 -2]^{T}$$

det (gua) = 0 => 50 the consiner does not defend on x #

$$(f) \quad \text{if } (u,v) = \left[\begin{array}{c} v^2 - e^{u+v} \\ \end{array} \right] = \left[\begin{array}{c} 3u^2v \\ \end{array} \right] + \left[\begin{array}{c} v^2 - e^{u+v} \\ \end{array} \right] = \left[\begin{array}{c} 3u^2v \\ \end{array} \right] + \left[\begin{array}{c$$

$$f(x) = \begin{bmatrix} -1 \\ -2 \end{bmatrix} + \begin{bmatrix} 3 & -1 \\ 0 & -3 \end{bmatrix} (8-2)$$

$$f(8^{\circ}) = 0 \implies \begin{bmatrix} -1 \\ -2 \end{bmatrix} + \begin{bmatrix} 3 & -1 \\ 0 & -3 \end{bmatrix} \begin{bmatrix} 8, +1 \\ 8, -1 \end{bmatrix}$$

$$\implies \begin{bmatrix} -1 \\ -2 \end{bmatrix} + \begin{bmatrix} 3 & -1 \\ 0 & -3 \end{bmatrix} \begin{bmatrix} 8, +1 \\ -3 & -1 \end{bmatrix}$$

$$\implies \begin{bmatrix} -1 \\ 3 & -1 \end{bmatrix} + \begin{bmatrix} 3 & -1 \\ -3 & -1 \end{bmatrix} \implies \begin{cases} 8, -1 \\ 8, -1 \end{bmatrix}$$

$$\implies \begin{cases} 8, +1 \\ -3 & -1 \end{cases} \implies \begin{cases} 8, -1 \\ 3 & -1 \end{cases}$$

$$\implies \begin{cases} 8, +1 \\ -3 & -1 \end{cases} \implies \begin{cases} 8, -1 \\ 3 & -1 \end{cases}$$

$$\implies \begin{cases} 8, +1 \\ -3 & -1 \end{cases} \implies \begin{cases} 8, -1 \\ 3 & -1 \end{cases}$$

proof: .. I and R is hower triangular matrix.

ζ,

1(N+ 1/1) = 1/M1, + 7M1/1 + 1/M1/7

: NTV = 0

:, [[N+N]]= [[N]]+ [[N]]

\$0 11/4/11 - 11/11 =0 #