```
ماست ∨ ≽∨رت
                                                                T: V - W } - Lower
                       T(4+V)= T04)+T6V)
                       T(cu) = c T(u)
          Z= [3] ∈ R* (CX)= [3]
                                      A= [ 0 | ]
                       T(x)= A·x = [x]. [-1 0]
                                                = \begin{bmatrix} (0)X + 1 \cdot A \\ (1) \cdot X + 0 \cdot A \end{bmatrix} = \begin{bmatrix} 1 & 1 \\ -X \end{bmatrix}
        be do [u] and v-[v] be two
            \Gamma(\alpha^{(q)}) = \Gamma(\alpha) + \Gamma(\alpha)

\alpha^{(q)} = \begin{bmatrix} \alpha_1 \\ \alpha_2 \end{bmatrix} + \begin{bmatrix} \alpha_1 \\ \alpha_2 \end{bmatrix} = \begin{bmatrix} \alpha_1 + \alpha_1 \\ \alpha_2 + \alpha_2 \end{bmatrix}
            T(4+v)= A(4+v) - [-1 0] [ a+ v, ]
                                                     = [-(4,+42)] = [4,-42]
            Tow = A 4 = [ -1 0] [ 4] = [ -4]
              TCV): 40 = [ 10] [ 11] = [ -11] LHS = RHS
           RHS \Rightarrow T(u)+T(v) = \begin{bmatrix} -u_1 \\ u_2 \end{bmatrix} + \begin{bmatrix} -V_1 \\ v_2 \end{bmatrix}
               Left-band side (LHS) = Right-Hand side
               utility & R2 and C be a scalar
           TCCA) > CT(a)
            T(CR) = A(CR) = \begin{bmatrix} -1 & 0 \\ 0 & 1 \end{bmatrix} \begin{bmatrix} CR \\ CR \end{bmatrix} \begin{bmatrix} -CR \\ CR \end{bmatrix} \begin{bmatrix} -CR \\ CR \end{bmatrix} \Rightarrow CR
               (TOW) = ( (A-W) = ( [-1 ]][ "]
                                           = c [ u ] = [ -ca ] = mis
              CMS = CMS
                                   TOK) = X T []
              T Cutv) = T(u) + T(v)
                 d = [ ] v = [ 4]
             T(U+v) = T ([3]+[4])=
                \frac{x^{k}}{L} \left( \begin{bmatrix} x \\ z \end{bmatrix} \right) = \begin{bmatrix} x \\ 0 \end{bmatrix} + \begin{bmatrix} 1 \\ 1 \end{bmatrix} = \begin{bmatrix} 2 \\ 3 \end{bmatrix} + \Gamma N 
= \begin{bmatrix} x \\ 0 \end{bmatrix} + \begin{bmatrix} 1 \\ 1 \end{bmatrix} = \begin{bmatrix} 2 \\ 3 \end{bmatrix} + \Gamma N 
                T([;])=[;]+[;]=[;]
                1([4])=[4]+[1]=[8]
                 T(u)+ T(v) = [] + [] = [] = RUS
                   LAS + KAS
Check homogeneity
  T(ca)= (T(a)
       u = [2] C=2
    T (C(p)) = T \begin{bmatrix} 4 \\ 6 \end{bmatrix} = \begin{bmatrix} 4 \\ 6 \end{bmatrix} T \begin{bmatrix} 1 \\ 1 \end{bmatrix}
T = T \begin{bmatrix} 5 \\ 1 \end{bmatrix} T \Rightarrow LHT
CT(q) = 2\left[\frac{2}{3}\right] + \left[\frac{1}{1}\right] = 2\left[\frac{3}{4}\right] = \left[\frac{6}{3}\right] \Rightarrow EMS
   LHS & RUS
                                TCX); 2 t [1] = Not linear brown, Fails both addition and homography pr
```