```
A a marix
                                 A, a number
         Pa = tr(PMa) P = = Pb N/b
    => Pa= tr ( = Pb N/ Ma)
                                                                   = = Pb tr(NbMa)
                                        => tr (IN/ /Ma) = 5 0
                  P = - [H, P]+ > [L, PL; + - - (L; + L)]

() P = = = = = Pb/N/b = = = Pb/N/b = = = Pb/N/b
                  3 - i[H, P] = - i[H, FPN b] = - i > Pb[H, Nb]

3 L; P.L; + - - (L; + L; + P + P L; + L;)

= = Pb[L; Mb(L; + - - - (L; + L; )]
          O = O + SO;

tr(O AMa) = tr(SP_b M^b Ma) = SP_b tr(M^b MA)
                = \frac{2}{5} \frac{1}{6} \frac{1}{6} \frac{1}{6} = \frac{1}{6} 
                                                                                                                                             = -1 = Pb tr ( HI Mb MM a - M) HI MA a)
                                                                                                                                                          =-i=Pb Aab
= tr (3, Ma) = = Pb [tr (4; W 4; + ma)
                                                                                                                                                                                                                                          - 5 tr(115 t 11; N/b/Ma)
        = \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \frac{1}{5} = \frac{1}{5} + \frac{1}{5} = \frac{
                                                                Bab = 5 Lyrs Nbst Ljut Maux - I Ljsr Ljst Nbtu Maux
                                                                                                                                                                                                                                                                                                                                                                                                                   - I Nbrs Li*ts Ljtu Maur
```