

```
(8)@ cT(a+bi) = T(c(a+bi))
     T(a,-bi) + T(az-bzi) = T(a, bi + az-bzi)
      (7(a+bi) = c(-6 a) = (-4 cb) = T(cq+cb) = T(c(a+bi))
      = T((a,-a,) +(b,-b,)) = T(a,-b,: +a,+b,i)
  (B) T(ZH) = T(Z)T(W) Z=qab; W=qz+bz;
          = T((apaz-b,bz) + (a16z+b1az)i)
             = T(a, (a2-b2) +b, (a-b2+a1);
               = 7 ( a, W vb, (azi -b)) = T(a, H+b) (a, -bi
               = T( a, w + b,iw) = T((a, -b,i) w) = T(+w)
  (10 b) [r] 3 [ab] qub = 1 (22d = 1)
q-3b : 8 (-3d = 5)
q-3b : 8
                    $ = = no linear transformation
    @ fortge because a constrainty are not enough 4 are needed for a buff.
    6 stell 7(221) - 5.47(140): (0,31)
              Only true if 4(1,1) = 7(140) = (0,0,0)
                 T(221)=(031)
           Vertag are independent F: form a bayly of unique
                  liver transformation
W (9 yy
   @ a=-1
6 {5(6,1,-2) + (6,2,-1) = 5,t, \R}
   C KerT=0
```