```
Theo 8.2
c) g1:(t1x) -> (t+41 Rx + b1+v1t)
   92: (t1x) (t+4, Rx+b2+4t)
   g20g1(t1x) = g2(t+4,1R1x+b1+v1t)
              =(t+c+41R2(R+x+b++4+)+b2+V2C++V2t)
              = (t+c31R3 x+v3t+b3)
            mit c3 = C1+C2; R3 = R2R1; V3=R2V1+V2;
                            b3 = R2b1+b2+ V2C1
         €, C; ER, liri=1;2;3
           RiEO(3), livi = 1,2,3 |XIVi, bi = 1R3 livi = 1,2,3
d) 1. Untergrappe (UG):
   Potation (nur Potation) 1
      gi: (\epsilon_i x) \rightarrow (\epsilon_i Rix) Rie O(3)
                                    RyRe bel., aber RyRe # 11
   =) milt abelsch, da RyRz = RzRz
                                          X + O X, O EIR 3
                     =) RIRIX + RIRIX
    1. UG:
    new Translation:
      gi: (+1x)+) (++(i,x+bi) ciER; biE1R3
    =) abelschida t+circ; = t+cj+cj = cj+t+cj = ...
      und
                   X+bi+bj = bj+x+bi =...
   3. UG
    Boost
     gi: (tix) H) (tjx+vit) vie 183
    =>abelsh,da vit+x=x+vit
```