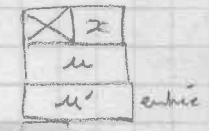
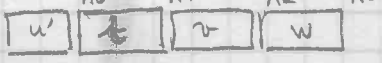
(10) Entrée $\mathcal{P}_{A_0} = u$ primitif, de norme > 0
$D_0 = x$ littéral

Sortie $var_{A_2} = u_1 u_2^2 \dots u_e^e = u$ facteurs multiples mis suivant le littéral x

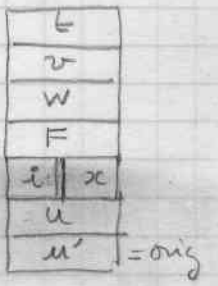
```
XFRM1 :BSR    XDVP          P_A2 = u'   canons A0/D0
       MOVE.L D0/A0/A2,-(SP)
       MOVE.L A2,A1
       BSR    XGQU
       TST.L  (A0)
       BNE    ML40
cas t=1
       MOVEM.L (SP)+, D0/A0/A6
```

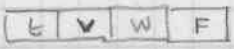




$t = pgcd(u, u')$
$v = \frac{u}{t}$ $w = \frac{u'}{t}$

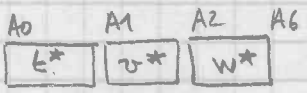
```
ML39 : BRA    XPSAF

ML40 :                          i=0
       MOVEM.L A0/A1/A2/A6,-(SP)
       MOVE.L  #$14001,(A6)+    F=1
```

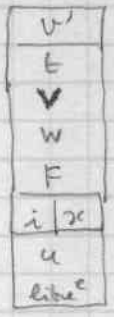





```
ML42:ADDQ #1,16(SP)      i = i+1
       MOVE.L 4(SP),A0    v
       MOVE   18(SP),D0   x
       BSR    XDVP        v'
       MOVE.L A2,-(SP)
       MOVE.L A2,A1
       MOVE.L 12(SP),A0   w
       BSR    XSUBP       h = W - V'
```

```
TST.L   (A2)
BNE     ML44        → h ≠ 0   (car h ne peut être constante autre que 0)
MOVE.L  (SP)+,A6    v'   ← CMP #$4000, 4(A2)
                           BNE  ML44         ) ⑧
MOVE.L  4(SP),A0    v
BSR     XPSAF       v^F
MOVE    16(SP),D1   i
MOVE.L  A2,A0
BSR     XEXPF       (v^F)^i
ADDQ    #12,SP
MOVE.L  (SP)+,A0    F
MOVE.L  A2,A1
BSR     XCONCP      F' = F * v^i
ADDQ    #8,SP     ← BCLR #7,2(A2)   met norme(F_2) > 0
BRA     KL860
```






```
ML44:MOVE.L  A2,A1      h
     MOVE.L  8(SP),A0   v
     BSR     XGQU
     MOVEM.L A1/A2/A6,-(SP)
     BSR     XPSAF      t*F
     MOVE.L  A2,A0
     MOVE    32(SP),D1  i
     BSR     XEXPF      } t*i
     MOVE.L  A2,A1      }
     MOVE.L  28(SP),A0  F
     BSR     XCONCP     F*
     MOVE.L  A6,A5
     MOVE.L  A0,A4
     MOVEM.L (SP)+,A2/A6   v* w*
     MOVE.L  32(SP),A0     libre
     MOVE.L  A0,12(SP)     nouveau v
     BSR     XLB76         copie v*
     MOVE.L  (SP)+,A6      fin w*
     ADDQ    #4,SP
     MOVE.L  A0,8(SP)      nouveau w
     BSR     XLB76         copie w*
     MOVE.L  A0,12(SP)     nouveau F
     MOVE.L  A4,A2
     MOVE.L  A5,A6
     BSR     XLB76         copie F*
     BRA     ML42
```