(10) Entrée $P_{A0} = t(x)$ conserve A0/A3

var A1 = $u_1 * \dots * u_k$

[A3] = 9

var A4 = $v_1 * \dots * v_k$

Pose et libre var A2 (facteur non légal) = $w_1 * \dots * w_k$

$w_i = [mdmod(t(x) * v_i(x), u_i(x), 9)] * 9$

```
LIFTA : MOVEM.L  A0/A3/A6,-(SP)
        MOVE.L   (A1)+,(A6)+          *|4000|
        MOVE     (A4)+,D6             nb de fact+1
        ADDQ     #2,A4
```

t(x)
9
libre

```
MJ80 : SUBQ   #1,D6                   D1/A1/A4
       BEQ    MJ82                    → fin
       MOVE.L (A4)+,D0
       MOVE.L A4,A0                   v_i(x)
       ADD.L  D0,A4
       MOVEM.L (SP),A1/A3   ← ADDQ #4,A6
       MOVEM.L D6/A1/A4/A6,-(SP)  ← MOVEM.L 16(SP),A1/A3 ⊗
       BSR    XMPMUL                  t(x) v_i(x)  conserve A3

       MOVE.L 4(SP),A1
       MOVE.L (A1)+,D0                u_i(x) = P_A1
       ADD.L  D0,4(SP)      ← addq.L #4,D0
       MOVE.L A2,A0
       BSR    XMPMOD                  mdmod
       MOVE.L A2,A0
       MOVE.L A3,A1                   9
       BSR    XMCTE                   P_A2 = 9 * mdmod = w_i
       MOVEM.L (SP)+,D6/A1/A4
       MOVE.L (SP),A0
       BSR    XLB76
       MOVE   #1,(A6)+
       MOVE.L (SP)+,A0
       MOVE.L A6,D0
       SUB.L  A0,D0
       MOVE.L D0,-(A0)
       BRA    MJ80
MJ82 : MOVEM.L (SP)+,A0/A3
MJ83 : MOVE.L  (SP)+,A2
       RTS
```