(2) $var_{A_0} = R = \lambda r_1^{\alpha_1} \cdots r_n^{\alpha_n}$ } formes factorisées — conserve A0/A1

$var_{A_1} = S = \mu s_1^{\beta_1} \cdots s_m^{\beta_n}$

D3 = { 0 option C0 [exposants identiques] ; 1 option C1 [exposants différents] ; −1 option Commun (?) }

pose var_{A_2} factorisé = { C0 (suivant D5) ; C1 ; Commun } contenant les facteurs identiques de var_{A_0} et var_{A_1}

ainsi si $r_1 = s_1$ $\alpha_1 = \beta_1$; $r_2 = s_2$ $\alpha_2 \neq \beta_2$ } $C0 = r_1^{\alpha_1}$; $C1 = r_2^{\min(\alpha_2, \beta_2)}$; Commun (C_{-1}?) $= r_1^{\alpha_1} r_2^{\alpha_2}$

```
XCOMF: MOVEM.L  A0/A1/A6,-(SP)
       MOVE     (A0)+,D6
       BSR      SLNG0
       ADD      D0,A0
       MOVE     (A1)+,D5
       BSR      SLNG1
       ADD      D1,A1
       MOVE.L   #$4001,(A6)+
       CLR      D4                  D4=nb de fact de Ci
a KJ52: ADDQ    #1,D4
b KJ53: SUBQ    #1,D5
        BEQ     KJ61                → fin
c KJ54: SUBQ    #1,D6
        BEQ     KJ61                → fin
d KJ55: MOVEM   D3-D6,-(SP)         compare A0 et A1 (conserve A0/A1/D3-D6)
        BSR     XCMPP
        MOVEM   (SP)+,D3-D6
        BNE     KJ59                ↓ ri = sk
        MOVE.L  A0,A2
        ADD.L   (A0)+,A0
        ADD.L   (A1)+,A1
        MOVE.L  A0,A3
        MOVE    -(A3),D2
        MOVE    -2(A1),D1   <-- { TST D3
                                  BMI KJ56
        CMP     D1,D2
        BNE     KJ57
        TST     D3
        BNE     KJ53
e KJ56: BSR     KJ48   (de XNUMF)
        MOVE    D2,(A6)+
        BRA     KJ52
f KJ57: BLT     KJ58
        MOVE    D1,D2               D2=min(α,β)
g KJ58: TST     D3
        BEQ     KJ53
        BRA     KJ56
```

(2)

```
KJ59 : BCS    KJ60          ↓ si [A0] < [A1]
       ADD.L  (A0)+, A0
       BRA    KJ54
KJ60 : ADD.L  (A1)+, A1      si [A0] > [A1]
       SUBQ   #1, D5
       BNE    KJ55

KJ61 : MOVEM.L (SP)+, A0/A1/A2     [fin]
       MOVE   D4, (A2)
       RTS
```