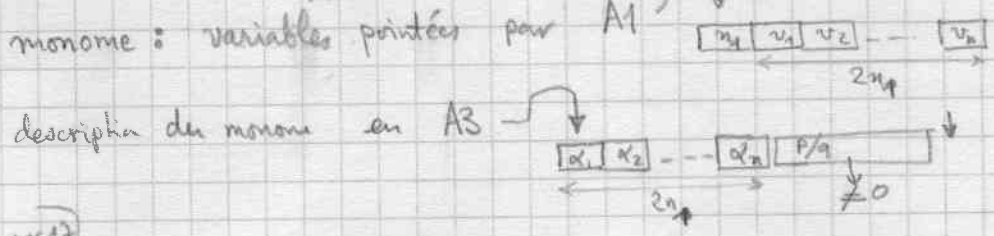


② Met en libre $\text{A}_0 \neq 0$ * monome $\neq 0$



conservé $\text{A0}, \text{A1}$
avancé A3 après
le monome

répète K017

```

XMULM: MOVE.L A6, A2
        MOVEM.L A0/A1/A3/A6, -(SP)
        MOVE (A0)+, D0      m0
        MOVE (A1)+, D1      m1
    
```



```

CLR D2
ADDQ #2, A6
K018: TST D0
      BNE K021
K019: TST D1
      BEQ K025
K020: SUBQ #1, D1
      ADDQ #2, A1
      TST (A3)+
      BEQ K018
    
```

met var de P_1 seul

→ espant nul

```

MOVE #2, (A6)+
BRA K017
    
```

```

K021: TST D1
      BEQ K015 → met var de  $\text{P}_0$  seul
    
```

met les variables communes
dans les variables de A1 seul d'espant nul

```

K015: MOVE #1, (A6)+
K016: SUBQ #1, D0
      ADDQ #2, A0
K017: ADDQ #1, D2
    
```

2

```

: MOVE (A0), D3
  CMP (A1), D3
  BCS KD15
  BNE KD20
  SUBQ #1, D1
  ADDQ #2, A1
  TST (A3)+
  BEQ KD15
  MOVE #3, (A6)+
  BRA KD16

```

```

KD25: MOVE D2, (A2)
      MOVE (A0)+, D4
      MOVE D4, (A6)+

```

nb de monnaies - 1 de P_{A0}

boucle sur les monnaies de P_{A0}

```

KD26: MOVEM.L -8(SP), A1/A2
      MOVE (A2)+, D2
      BRA KD31

```

met les exposants

```

KD27: MOVE (A2)+, D0
      CLR D1
      BTST #1, D0
      BEQ KD29

```

```

KD28: MOVE (A1)+, D1
      BEQ KD28

```

```

KD29: BTST #0, D0
      BEQ KD30
      ADD (A0)+, D1
      BCC KD30

```

```

ERROV: MOVE #8, D0
      BRA RER

```

} exposant trop grand

```

KD30: MOVE D1, (A6)+

```

```

KD31: DBRA D2, KD27

```

```

KD32: TST (A1)+
      BEQ KD32
      SUBQ #2, A1

```

met la coefficient

```
MOVEM.L D4/A0, -(SP)
```

```
BSR XMULS2
```

```
MOVEM.L (SP)+, D4/A0
```

```
} BSR SLNG0
ADD D0, A0
```

```
DBRA D4, KD26
```

```
MOVEM.L (SP)+, A0/A1/A3
```

met les variables

```
MOVE.L (SP), A2
```

```
LEA 2(A0), A4
```

```
LEA 2(A1), A5
```

```
MOVE (A2)+, D2
```

```
BRA KD37
```

```
MOVE.L A1, A5
MOVE (A5)+, D0
ADD D0, D0
ADD D0, A3
```

```
KD33: MOVE (A2), D0
```

```
BTST #0, D0
```

```
BEQ KD34
```

```
MOVE (A4)+, D1
```

```
KD34: BTST #1, D0
```

```
BEQ KD36
```

```
KD35: MOVE (A5)+, D1
```

```
TST (A3)+
```

```
BEQ KD35
```

```
KD36: MOVE D1, (A2)+
```

```
KD37: DBRA D2, KD33
```

```
} KD38: TST (A3)+
BEQ KD38
SUBQ #2, A3
```

```
BSR SLNG30
```

```
ADD D0, A3
```

} avance A3

```
MOVE.L (SP)+, A2
```

```
RTS
```