

2

Met a libre^{P_{A2}} P_{A0} * P_{A1}

Conserve A0/A1

XMULP: MOVEM.L A0/A1, -(SP)

```

  → TST.L (A1)
    BEQ KD45
    SUBQ #4, A1
    EXG A0, A1
  } TST.L (A1)
  } BEQ KD45
  }     SUBQ #4, A1

```

repete

(KD40)

```

KD45: ADDQ #4, A1
(KD45) BSR XMCTE
      ( MOVEM.L (SP)+, A0/A1
        RTS

```

KD40:

```

MOVE (A2)+, D0
ADD D0, D0
MOVE 2(A0, D0.W), D0
MOVE (A3)+, D1
ADD D1, D1
MOVE 2(A1, D1.W), D1
CMP D1, D0
BCC KD40
EXG A0, A1
EXG D0, D1
EXG A2, A3

```

essentielle échange A0 et A1 de sorte que A1 a le nombre minimal de monomes

```

TST.L (A0)
BNE KD39
CMP #4000, 4(A1)
BCC KD40

```

```

KD40: TST.L (A1)
BNE KD42
CMP #4000, 4(A1)
BNE KD42
BSR XPSPO
MOVEM.L (SP)+, A0/A1
RTS

```

```

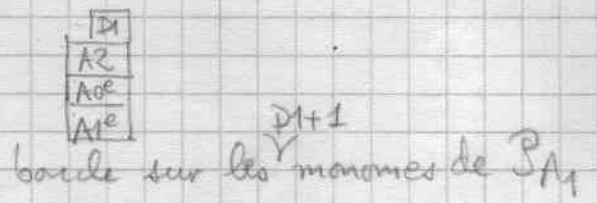
KD42: MOVE.L A6, -(SP)
MOVE.L A1, A3

```

```

KD43: MOVE D1, -(SP)
BSR XMULM
MOVEM.L A0/A1/A3, -(SP)
MOVE.L 14(SP), A0
MOVE.L A2, A1
BSR XADDP

```



```

KD44: MOVE (A2)+, (A0)+
CMP.L A6, A2
BLT KD44
MOVE.L A0, A6
MOVEM.L (SP)+, A0/A1/A3
MOVE (SP)+, D1
DBRA D1, KD43
MOVE.L (SP)+, A2
MOVEM.L (SP)+, A0/A1
RTS

```



```

KD45: ADDQ #4, A1
BSR XMCTE
MOVEM.L (SP)+, A0/A1
RTS

```