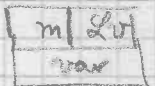


② Intégration de  $\text{var}_{A_0} = \frac{1}{x^m} [\text{Poly}(x)]^1 \times [\text{indep de } x]$   
factorisé

Remplace par  $\int \text{var}_{A_0} = \int \text{var}_{A_0}$  en utilisant éventuellement  $\text{Lv}$   $\left\{ \begin{array}{l} \text{D2.L négatif: utilisé} \\ \text{positif: non utilisé} \end{array} \right.$   
 $r = \text{D0}$   
 $\text{Lv} = \text{D2}$  déduit D0

repite XPOLE

XNTG2: MOVEM.L D2/A0, -(SP)



```
BSR XPOLE
MOVE DS, (SP)
MOVE (A0)+, D6
SUBQ #2, D6
BMI KH74
BSR SLNG01
ADD D1, A0
```

cherche facteur contenant x  
autre que  $x^{-m}$

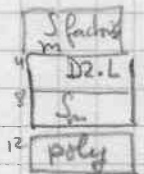
→ poly  $\emptyset$

```
KH72: MOVE.L (A0)+, D4
MOVE.L A0, A1
ADD.L D4, A1
```

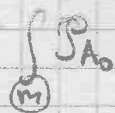
```
BSR XVAL
EXG A0, A1
TST D5
DBEQ D6, KH72
BNE KH74
```

→ poly  $\emptyset$

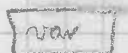
```
EXG A0, A1
KH73: MOVEM (SP)+, D1/D2
```



```
MOVE.L A0, -(SP)
BSR XNTG1
MOVEM.L D2/A2, -(SP)
MOVE.L A2, A0
BSR XPSAF1
MOVE.L A2, -(SP)
```



$\int \text{P A0}$  factorisé



2

```

MOVE.L 12(SP), A0 poly
BSR XPSAF } factoria poly
          |
          | CMP #1, A2
          | BEQ KH730
NEG -2(A6) } 1
              poly

```

```

KH730: MOVE.L A2, A0
MOVE.L (SP)+, A1
BSR XCONCP } 1
            poly
MOVEM.L (SP), D2/A0

```

```

BSR XLB76
MOVEM.L (SP), D2/A1/A3/A4 } 1
                                poly, hidden var
MOVE.L (A4), A0 var

```

```

BSR XMULF
MOVEM.L (SP)+, D2-D5
RTS

```

```

KH74: LEA TCONST, A0 } poly name constant = 1
      BRA KH73

```