

⑤ entrée { AS pointe une liste de lettres [N]:
 , [] x, [] y ...
 P₀ expression = w

sortie { remplace P₀ w par la chaîne:
 $\langle w, [] x, [] y \dots \rangle = \left(\sum_{i=\alpha}^{\beta} w_i \right) [\langle w_i, [] y \dots \rangle] * x^i$
 où $\alpha > \beta$ si "x"
 $\alpha < \beta$ si " / x "
 * xⁱ omis pour i=0 écrit *x pour i=1
 conserve AS^e

```
XPRTAR: MOVE.L AS, -(SP)
```

```
BSR DECCRV
```

```
BEQ MG28
```

liste \emptyset

```
BSR YSTR
```

remplace P₀ par chaîne

```
MG27: MOVE.L (SP)+, AS
```

```
RTS
```

```
MG28: BSR DECCRV
```

```
SNE -(SP)
```

```
BSR PUSHID
```

```
BSR WVAR
```

```
MOVE D1/D2
```

```
BSR WCFR2
```

" / " ?

→ pointe P₀ = 10
 } décale x = D2

ôte P₀ = w = A ($\sum a_i x^i$) x^α
 B

met P₋₁ = A
 P₀ = B (reste P₋₂ = w)
 D5 = -α
 casure D2

```
MOVEM D2/D5, -(SP)
```

```
BSR WPOLY1
```

```
MOVE (SP), D0 x
```

```
BSR XDEG
```

→ D5 = degré de B en x

```
TST D5
```

```
BNE MG30
```

```
TST 2(SP)
```

```
BNE MG30
```

cas x absent

```
ADDA #6, SP
```

```
BSR POPN
```

```
BSR POPN
```

```
BSR XPRTAR
```

```
BRA MG27
```

x
-α
/

```

MG30: MOVE.L AS, -(SP) ← MOVE #11, -(SP)
      MOVE DS, -(SP)

```

```

BSR CPUSHNO
MOVE TVARN, DO
SUBQ #3, DO
BSR WASGN2

```

met p-2 = chain ∅



boucle k = 0, 1, ..., m (1)
ou k = m, m-1, ..., 0

```

MOVEQ #0, D3
TST.B 12(SP) / ⊗
BEQ MG31
MOVE (SP), D3 m

```

```

MG31: MOVEI 8(SP), D2 x
      MOVE D3, -(SP) k

```

DS = k
pose Aak

```

BSR WCFE1
BSR XIFLOB
BNE MG32
CMP #4000, (A0)
BEQ MG39

```

Aak ≠ 0
Aak = 0

```

MG32: ADDQ #6, A6 ← MOVE.L A6, A2
      MOVE #4(SP), (A6)+
      BSR LC12

```

pose chaine nE (ou +E)

```

MOVE TVARN, DO
MOVE DO, D1
SUBQ 4, DO
MOVE DO, D2
BSR XHCHA
BSR POPN

```

rajoute nE a chaine
chaine: nE, Aak, B, A

```

MOVE.L 6(SP), AS ⊗
BSR XPRTAR

```

change Aak a chaine

```

ADDQ #6, A6
MOVE.L A6, A2 ← MOVE.L A6, A0
MOVE #11, (A0)+ ← MOVEQ #0, DO
MOVE (SP), DO k

```

```

SO:
MOVEM 10(SP), D2/D3 ⊗
      SUB.L D3, DO k+x

```

EXT.L D3 ⊗
EXT.L

```

BEQ MG37 → exponent = 0

```

5

```

MOVE.L A6, A0
MOVE.B #1, (A0)+

```

```

BSR XFLIT
SUBQ #1, A0
CMLL #1, D0
BEQ MG37
MOVE.B #1, (A0)+
BSR XPREXLS
MOVE.B #22, (A0)+

```

```

MG37: MOVE.B #1, (A0)+
MOVE #1, 4(SP)

```

```

MOVE.L A0, A6

```

```

BSR LC12

```

pousse fin de la chaîne A2 A6
 concatène à chaîne (A6)

```

BSR XICHA

```

```

MOVE TVARN, D0

```

```

MOVE D0, D1

```

```

SUBQ #3, D0

```

```

MOVE D0, D2

```

```

BSR XHCHA

```

} concatène à chaîne

```

MG39: BSR POPN

```

```

MG39: MOVE (SP)+, D3
TST.B 12(SP)
BEQ MG390
SUBQ #1, D3
BPL MG31
BRA MG391

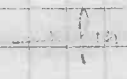
```



```

MG390: ADDQ #1, D3
CMP (SP), D3
BLE MG31

```



```

MG391: BSR POPN
BSR POPN
ADD #1, SP
BRA MG27

```

ok B
 " A