⑤ entrée { A5 pointe une liste de littéraux [/] :
, [/]x , [/]y ...
P0 expression = W

sortie { remplace P0 W par la chaine :

$$\langle W,[/]x,[/]_1 -- \rangle = \sum_{i=\alpha}^{\beta} W_i \left[\langle W_i,[/]y \ldots \rangle \right] * x^i$$

où $\alpha \geqslant \beta$ si "x" [usuel]
$\alpha < \beta$ si "/x"

$*x^i$ omis pour $i=0$ écrit $*x$ pour $i=1$

conserve A5^e

```
XPRTAR: MOVE.L  A5,-(SP)
        BSR     DECCRV
        BEQ     MG28
        liste   ∅
        BSR     YSTR            remplace P0 par chaine
MG27 :  MOVE.L  (SP)+,A5
        RTS

MG28 :  BSR     DECCRD          "/" ?
        SNE     -(SP)
        BSR     PUSHID          → pointe P0 = 1.0
        BSR     WVAR            } décode x = D2
        MOVE    D1,D2
        BSR     WCFF2           ôte P0=W = A (Σ a_i x^i) x^α
                                            B
                                met P-1 = A
                                    P0 = B      (reste P-2 = W)
                                    D5 = -α
                                    conserve D2

        MOVEM   D2/D5,-(SP)
        BSR     WPOLY1          S_A0 = B
        MOVE    (SP),D0   x
        BSR     XDEG            → D5 = degré de B en x
        TST     D5
X       BNE     MG30
        TST     2(SP)
X       BNE     MG30
    cas  x  absent
        ADDQ    #6,SP
        BSR     POPN
        BSR     POPN
        BSR     XPRTAR
        BRA     MG27
```

x
-α
/

(5)

```
MG30: MOVE.L  A5,-(SP)   ← MOVE #"^[",-(SP)
      MOVE    D5,-(SP)
      BSR     CPUSHNO    }
      MOVE    TVARN,D0   }  met p-2 = chaine ∅
      SUBQ    #3,D0      }
      BSR     WASGN2     }
```

k
m
^[
x
-α
l

puis +[; } A5

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

```
      MOVEQ   #0,D3
      TST.B   12(SP)     l      ⊗
      BEQ     MG31
      MOVE    (SP),D3    m
MG31: MOVEL   8(SP),D2   x      D3 = k
      MOVE    D3,-(SP)   k
      BSR     WCFF1              pose Aak
      BSR     XIFLOB
      BNE     MG32               → Aak ≠ 0
      CMP     #$4000,(A0)
X     BEQ     MG39               → Aak = 0
MG32: ADDQ    #6,A6      ← MOVE.L A6,A2   }
      MOVE    4(SP),(A6)+                 } pousse chaine ^[ (ou +[)
      BSR     LC12                        }
      MOVE    TVARN,D0   }
      MOVE    D0,D1      } rajoute ^[
      SUBQ    4,D0       } à chaine
      MOVE    D0,D2      }
      BSR     XHCHA      }
      BSR     POPN       }
      MOVE.L  6(SP),A5   ⊗  }
      BSR     XPRTAR        } change Aak en chaine
      ADDQ    #6,A6         }
      MOVE.L  A6,A2      ← MOVE.L A6,A0
      MOVE    #"]",(A0)+
      MOVE    (SP),D0    k  ← MOVEQ #0,D0
      SUB
X     MOVEM   10(SP),D2/D3   EXT.L D3   ⊗
                x  -α        EXT.L D
      SUB.L   D3,D0          k+α
X     BEQ     MG37           → exposant = 0
```

^[
Aak
B
A
chaine

⑤

```
~~MOVE.L  A6,A0~~
MOVE.B  #"*", (A0)+

BSR     XFLIT
SUBQ    #1, A0
CMP.L   #1, D0
BEQ     MG37
MOVE.B  #"A", (A0)+
BSR     XPREXLS
MOVE.B  #22, (A0)+
MG37: ~~MOVE.B  #"x", (A0)+~~
MOVE    #"+I", 4(SP)
MOVE.L  A0,A6
BSR     LC12
BSR     XICHA
MOVE    TVARN,D0
MOVE    D0,D1
SUBQ    #3, D0
MOVE    D0,D2
BSR     XHCHA
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     #14,SP
BRA     MG27
```

pousse fin de la chaine A2 A6 [7*x]

concatène à chaine (A0,A6)

concatène à chaine

fin

ôte B

" A