

5) subs (expr {, r_i = expr_i})

```

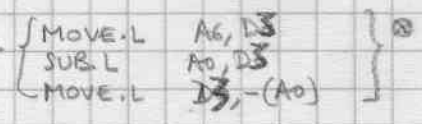
YSUBS: MOVE.L D3, -(SP)      laymen
      : BSR   WVAR           D1=r1
      MOVE   D1, -(SP)
      BSR   DECCRE
      BNE   ERRIS
  
```

```

BSR   WEXPRESL  ⊗ = terme = expr emck/
BSR   XICHA     concatène
BSR   YACK95
  
```

```

MOVE.L A0, A1
ADD.L (SP)+, A1  pointe expr
MOVE (SP)+, D0  v
BSR  XSUBS
BSR  DECCRV
BEQ  YSUBS
RTS
  
```

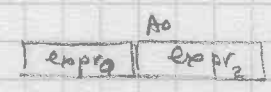


5) $sub_2(expr_1, v = expr_2), v = expr_2$ substituer $expr_2$ à v de $expr_1$

XSUBS: remplace var A0 par $sub_2(var A0, v = var A1)$
 A0 A1
 libe DO

YSUBS: MOVE.L A0, -(SP)

BSR WVAR D1=v
 MOVE D1, -(SP)
 BSR DECCRV (=)
 BNE ERRIS



BSR WEXPR
 MOVE.L A0, A1
 MOVE (SP)+, DO

$expr_1$
 $expr_2$
 v

BSR XSUBS
 BSR DECCRV
 BEQ YSUBS
 RTS

MOVE.L (SP)+, A0

← MOVE.L AS, -(SP)

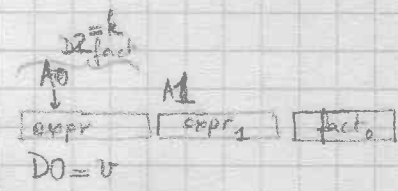
XSUBS: MOVE.L A0, -(SP)

MOVE (A0)+, D2
 BNE MB16
 cas $expr = poly$

BSR XSBSB ← MOVE.L (SP)+, AS
 MOVE.L (SP), A0

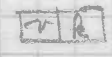
BSR XLB76
 MOVE.L (SP)+, A0
 RTS BRA MB200 RTS

MB16: SUBQ #1, D2
 MB16: MOVEM.L D2/A1/A6, -(SP)



MOVE DO, (SP)
 CLR (A6)+ MOVE #1, (A6)
 BSR XPOSE
 BRA MB20

A4: pointe la suite de expr



MB18: MOVE.L (SP), A1 $expr_1$
 MOVEM DO/D2, -(SP)
 MOVE.L (A4)+, D1
 MOVE.L A4, A0 $facteur$
 ADD.L D1, A4
 MOVE.L A4, -(SP)



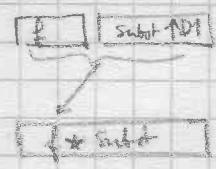
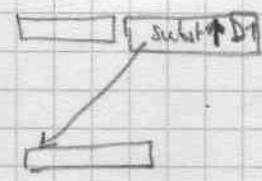
x

A2
subt

```

BSR XSBSP
MOVE.L R2, A0
BSR XFFCT1    factorize
MOVE.L (SP), A4
MOVE -2(A4), D1
MOVE.L A0, -(SP)
BSR XEXPF
MOVE.L (SP), A0
BSR XLB76
MOVE.L (SP)+, A6    ⊗
MOVE.L 12(SP), A0   ⊗
BSR XOPH XMULF  ⊗
MOVE.L (SP)+, A4
MB200: MOVEM (SP)+, D0/D2
DBRA D2, MB18

```



```

MOVEM.L (SP)+, A0/A2/A3/A4  hidden
MOVE.L A4, A0  (MOVE.L A3, A5)
BSR XLB76
MOVE.L A4, A0
RTS

```

} ⊗

```

MB200: BSR DECCRV
      BEQ YSUBS
      RTS

```