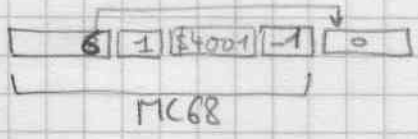
⑤ $\underline{\text{sexp}(A, k[v])}$ met $1 + A + \ldots + \frac{A^i}{i!} + \ldots$

limité à v^k

YSEXP: BSR MC59 D1=D3=k

MOVEM.L D1/D3/A0/A6 D0=D2=v ,-(SP)

BSR MC68



CLR.L (A6)+

BRA MC62

⑤P teste que $A = o(v)$ conserve D0/D1/A1 avance A0 sur P_{A0}

MC64: MOVEM.L D0/D1/A1,-(SP)

ADDQ #2, A0 ← TST.L (A0) / BNE MC640 / ~~ADDQ #4, A0~~ / CMP #$4000,4(A0) / BEQ MC642

MC640: BSR XVAL

TST D5

BLE ERRPY → n'est pas $o(v)$

MC642: MOVEM.L (SP)+, D0/D1/A1

RTS

⑤P met $P_{A2} = \left[\frac{-[P_{A0}]^2}{4}\right]_{\text{tronqué}}$

MC66: MOVEM.L D0/D1,-(SP) ← MOVE.L A0,A1

BSR XMULP A^2

MOVEM.L (SP)+, D0/D1

MOVE.L A2, A0

MOVE.L A0, -(SP)

BSR XTKP1 A^2 tronqué

MOVE.L A2, A0

LEA TCONSTQ, A1 $-\frac{1}{4}$

BSR XMULP

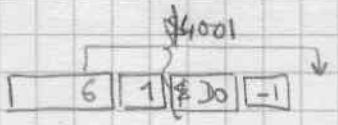
MOVE.L (SP), A0

BSR XLB76

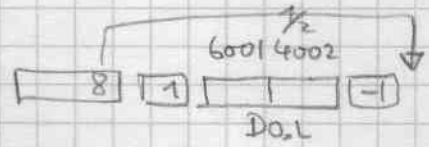
MOVEM.L (SP)+, A2/A5

RTS

```
MC68: MOVE #$4001, D0
MC69: CLR  (A6)+
      MOVE.L #$60001, (A6)+
      MOVE   D0, (A6)+
      MOVE   #-1, (A6)+
      RTS
```




```
MC70: MOVE.L #$60014002, D0
MC71: CLR  (A6)+
      MOVE.L #$80001, (A6)+
      MOVE.L D0, (A6)+
      MOVE   #-1, (A6)+
      RTS
MC72: MOVE.L #$60034002, D0
      BRA  MC71
```



$$\frac{1}{\frac{3}{2}+k}$$