(5)

shyg(A, k, ~~v~~, {x_1, m_1})   serie $1 + x_1^{m_1} x_2^{m_2} x_3^{m_3} A + [x_1(x_1+1)]^{m_1} [x_2(x_2+1)]^{m_2} \ldots A^2 + \ldots$ (70)
tronquée à v^k

exemple : $(1+x)^p = \text{shyg}(-x, k, x, -p, 1, 1, -1) = 1 + \frac{-p}{1}(-x) + \frac{(-p)(-p+1)}{1.2}(-x)^2 + \ldots + \frac{p^{(k)}}{k!} x^k$

```
YSHYG : BSR      MC58          B= k           BSR  MC59
        BSR      DECCRV        (g)
        BNE      ERRIS                     MOVEM.L  A0/A6,-(SP)        ⊗
        BSR      WVAR          v= D1
        ~~MOVEM.L  (SP)+,A0/A6~~           ~~BSR~~
        MOVEM.L  D1/D3,-(SP)               MOVEM.L  D2/D3/A0/A6,-(SP)  ⊗
                                           ~~BSR  LI~~
        BSR      ...

        MOVE.L   TVALA6,-(SP)  ⊗
        MOVE     PACK,-(SP)       } verrouille la mémoire ⊗
        MOVE     #$4E75,PACK

MC60 : CLR.L    (A6)+
        BSR      DECCRV
        BNE      MC61   ⊗            → fin   { BNE     MC61              ⊗
        BSR      WEXPRE ⊗                      MOVE.L  A6,-(SP)
        BSR      XFFCT1                        BSR     WEXPRE
                             type factorisé    BSR     XFFCT1
        BSR      DECCRVE      ⊃ ou ...         MOVE.L  A0,-(SP)
        ~~BNE      ERRIS~~                     MOVE.L  (SP),A0
        BSR      WINDEX                        BSR     XLB76       BSR POPN ⊗
        MOVE     D3,(A6)+   ← MOVE.L (SP)+,A6  MOVE.L  (SP)+,A0    MOVE.L (SP)+,A2
        MOVE.L   A6,D0                         MOVE.L  A6,-(SP)
        SUB.L    A0,D0
        MOVE.L   D0,-(A0)                  MC61: MOVE    (SP)+,PACK     ⊗
        BRA      MC60                            MOVE.L  (SP)+,TVALA6   ⊗
MC62 : MOVEM.L  (SP)+,D0/D1/A0/A1
        MOVE.L   A0/A5,(SP)
~~MC64~~ ~~BSR~~  MC64       teste si A=o(v)
        BSR      SSER
MC63:  MOVE.L   (SP)+,A0                                               ⊗
        BSR      XLB76                    BRA  MB73
        MOVE.L   (SP)+,A0/A5
        ~~RTS~~                           BRA  MG620                   ⊗
```