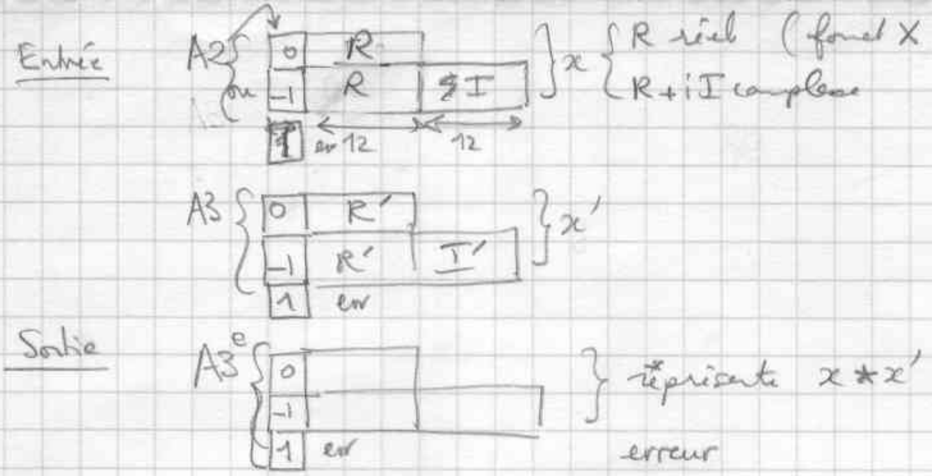

détruit FP0-4
D0/D2
conserve le reste

```
RCMUL: MOVE (A2),D2            { MOVEQ #0,D0
                               { FMOVE.L D0,FPSR
       BMI \19                 → x complexe
       BNE RCERR               → erreur
       FMOVE.X 2(A2),FP0       [x réel]
       MOVE (A3),D2
       BMI \17                 → x' complexe
       BNE RCERR               → erreur
       FMUL.X 2(A3),FP0        [x' réel]
\10:   FMOVE.L FPSR,D0         met D1/FP0/FP1
       AND #$D0,D0             IOP, OVFL, DZ ?
       BNE \15                 → erreur
       FMOVE.X FP0,2(A3)       BRA RCFN
       MOVE D1,(A3)
       BEQ \14
       FMOVE.X FP1,14(A3)
\14:   RTS
\15:   MOVE #1,(A3)
       RTS
\17:   FMOVE.X 14(A3),FP1      [x' complexe]       } x réel
       FMUL FP0,FP1
       FMUL.X 2(A3),FP0
       BRA RCFN
```

```
\19:FMOVE.X  14(A2), FP1        I
    MOVE     (A3),D0
    FMOVE    2(A3), FP2         R'
    BMI      \21                → x' complexe
    BNE      RCERR → erreur
    FMUL     FP2, FP1           x' réel
    FMUL     FP2, FP0
    BRA      RCFN

\21 :FMOVE   14(A3), FP3        x' complexe
    BSR      CPCMUL1  (30)75
```

```
RCFN :FMOVE.L  FPSR, D0         met D2/FP0/FP1 et teste FPSR
    AND  #$D0, D0               IOP, OVFL, DZ ?  en A3
    BNE  RCERR
    FMOVE.X  FP0, 2(A3)
    MOVE  D2, (A3)
    BEQ  \1
    FMOVE.X  FP1, 14(A3)
\1:RTS

RCERR:MOVE #1, (A3)
    RTS
```