(2)

Entrée $\mathcal{P}_{A0} = P$, $\mathcal{P}_{A1} = Q$

Division exacte [en complexe eventuellement] : P = Q R (calcule $\frac{P\overline{Q}}{|Q|^2}$)

a XCTDIV

Sortie ok $\mathcal{P}_{A_2} = R$ EQ vrai

conserve A0/A1

non MI vrai

```
XCTDIV2:MOVEM.L  A0/A1/A6,-(SP)
        BSR      XRDC4

XCTDIV2:TST      TCMPX
        BEQ      XCTDIV1          → non complexe
        MOVEM.L  A0/A1/A6,-(SP)
        BSR      XRDC4            → P'
        MOVE.L   A2,A0
        BSR      XPSAF1
        MOVE.L   8(SP),A0
        BSR      XLB76
        MOVE.L   4(SP),A0
        BSR      XRDC4            → Q'
        MOVE.L   A2,A0
        BSR      XRDC2            → [Q̄/|Q|²]^F
        MOVE.L   A2,A1
        MOVE.L   8(SP),A0
        BSR      XCONCP
        BSR      XLB76
        MOVE.L   8(SP),A0
        BSR      XNUMF
        MOVE.L   A2,A0
        BSR      XDEVFP
        MOVE.L   8(SP),A0
        MOVE.L   A2,-(SP)
```

P
Q
P'

entrée P'F

$P\overline{Q}/|Q|^2 = \frac{N}{D}$

pour var_{A2} = numérateur de $P\overline{Q}/|Q|^2 = N^F$

$\mathcal{P}_{A2} = N$ ← { MOVE.L A2,A0 / BSR XRDC4 }

N/D

(2)

repet BSR XDENF D F
MOVE.L A2,A0
BSR XDEVFD D
MOVE.L A2,A1 D
MOVE.L (SP)+,A0
BSR XCTDIV1
X BMI ML50
MOVE.L 8(SP),A0
BSR XLB76
CLR D0 EQ vrai
MOVEM.L (SP)+,A0/A1/A2
RTS
ML50: MOVEM.L (SP)+,A0/A1/A6
RTS

{ MOVE.L A2,A0 ⊗
BSR XRDC4