

2

Entrée

$$P_{A_0}^{D1} = P^{D1}$$

$$P_{A_1} = W$$

W diviseur P ou a $P = QW$

Conserve A0/A1

pose en ligne : $var_{A_2} = 1 = \left(\frac{Q \cdot W}{P}\right)^{D1}$ (en vue de réduction)

répète XRED3

XNRED3:MOVEM.L D1/A0/A1/A6, -(SP)

BSR XCTDIV $P_{A_2} = Q$

MOVE.L A2, A0

BSR XPSAF $var_{A_2} = Q^F$ (facteur Q)

MOVE.L A2, -(SP)

MOVE.L 12(SP), A0 W

BSR XPSAF $var_{A_2} = W^F$

MOVE.L (SP)+, A0 Q^F

MOVE.L A2, A1 W^F

BSR XCONCP $[QW]^F$

MOVE.L A2, A0

BSR XINVF $var_{A_2} = \frac{1}{QW}$

MOVE.L A2, -(SP)

MOVE.L 8(SP), A0 P

BSR XPSAF $var_{A_2} = P$

MOVE.L (SP)+, A0

MOVE.L A2, A1

BSR XCONCP $\frac{P}{QW}$

MOVE.L (SP)+, D1 *exposant*

NEG D1

MOVE.L A2, A0

BSR XEXPF $var_{A_2} = \left(\frac{P}{QW}\right)^{D1}$

MOVE.L 8(SP), A0

BSR XLB76

MOVEM.L (SP)+, A0/A1/A2

RTS

Q ^F	(1)
X D1	multi(QW)
P	
W	
Q	