

2) Normalisation (E)
 $P_{A_0} = P$



~~XXXXXXXXXXXXXXXXXXXX~~

Obj P est à coef entiers et $\text{pgcd}(\text{coef}) = 1$ et $1^{\text{er}} \text{coef} \geq 0$

XNORPE : MOVE.L AG, A1

MOVE #4001, (AG)+

1

MOVEM.L A0/A1, -(SP)

répète YDENP

MOVE (A0)+, D2

nb de var

BEQ KJ22

$\rightarrow P = \frac{A_0}{A_1} = 0$

X

⊗ KJ18: ADD D2, D2

BNE KJ18
 CMP #4000(A0)

ADD D2, A0

MOVE (A0)+, D1

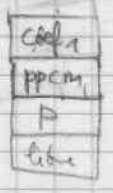
nb de monoms - 1

ADD D2, A0

MOVEM.L A0/A1, -(SP)

boucle sur k=2 à nb de monoms

BRA KJ21



KJ20: BSR SLNG0

avance sur coef suivant
A0

ADD D0, A0

ADD D2, A0

MOVE.L (SP), A1 coef 1

MOVEM.L D1/D2/A0, -(SP)

EXG A0, A1
 coef 1 coef k

BSR XDIVS2 $\{A_2\} = \{A_0\} / \{A_1\}$

MOVE.L A2, A1

MOVE.L 16(SP), A0 ppcm

BSR SIMF

MOVE.L 16(SP), A0 ppcm

BSR XMULT nouveau ppcm

MOVE.L A2, 16(SP)

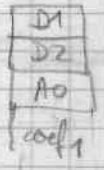
MOVEM.L (SP)+, D1/D2/A0

KJ21: DBRA D1, KJ20

MOVEM.L (SP)+, D1/D2/A0

MOVE.L 4(SP), A0

BSR XLB76



$\frac{ppcm}{coef_1}$

MOVEM.L (SP)+, A0/A1
coef₁ ppcm

EXG A0, A1

BSR XDIVS2

MOVE.L 4(SP), A0

BSR XLB76

KJ22: MOVEM.L (SP)+, A0/A1

BSR XMCTE

$P_{A_2} = \frac{P}{k}$

MOVE.L A2, A0

RTS