

⑩ entrée $P_{A0} = a$ } $\begin{matrix} \text{poly} \\ a & 0 \\ & 1 \end{matrix}$ littéral

$P_{A1} = b$ }

$[A3] = P$

$2b' = b \pmod{P}$ b' nomé

$a = qb' + r$

division

met en libre



conservé A0

ou

A1	A3	A2	A6
b'	0	q=a	

 si $b = ct \neq 0$

XMPDIV: MOVE.L A0, -(SP)

MOVE.L A1, A0

BSR XMPNOR

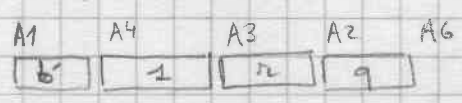
normalise $b = b'$
conservé A3

MOVE.L A2, A1

MOVE.L (SP)+, A0

MOVE 2(A0), D0

BRA XPSDIV



MOVE.L (A1), D0

TST (A1)

BEQ MIT03

MOVE.L (A1), D0

BNE XPSDIV

si $b' \neq ct$

MIT03: CMP #4000, 4(A1)

car $b = ct$

BEQ ERDIV

→ div par zéro

MOVE.L A6, A3

BSR XPSPO

met zéro

BRA XPSAP

recopie a