

Entrée  $[A0] = a \in [0, p[$   
 $[A3] = p$

conservé A3

Pose en libre  $[A2] = a' = \begin{cases} a \\ a-p \end{cases}$  tel que  $|a'| \leq \frac{p}{2}$

XMPSB: MOVEM.L A0/A3/A6, -(SP)

MOVE.L A0, A1

MOVE.L A3, A0

BSR XSUB1  $|p| - |a|$

MOVE.L (SP), A0  $a$

MOVE.L A2, A1

BSR XCMP1  $\text{comp } a1, a0$

BCC MIGO  $\rightarrow a \geq |a-p|$

prendre a

MOVEM.L (SP)+, A0/A3/A6

MOVE.L A3, -(SP)

BSR XPOSE

MOVE.L (SP)+, A3

RTS

prendre  $a-p$

MIGO: MOVEM.L (SP)+, A0/A3/A4

BCHG #7, (A2)

RTS