

① ^{calculer} division a flottant entier a = <A0>
b = <A1>

$$a = \lambda b + r \Rightarrow \begin{cases} 0 & \text{si } \text{FDIV.B} = 0 \\ |b| & \text{sinon} \end{cases}$$

{λ} entier ∈ Z exact
r ∈ [0, |b|[flottant



repeté
XDIVMS

XFLDVS: CLR.B FDIV

MOVEM.L A0/A1, -(SP)

BSR XFLDV1
EXG A2, A3

MOVEM.L (SP)+, A0/A1

ADDQ #2, A1

MOVE (A1), D5

CHGS

ML65: BTST #7, 2(A0)

BECQ ML66

CHGS

CMP #4000, 2(A3)

BECQ ML66

ST FDIV

MOVEM.L D5/A1/A2/A3, -(SP)

BCLR #7, (A1)

LEA -2(A1), A0

MOVE.L A3, A1

BSR XFLSUB

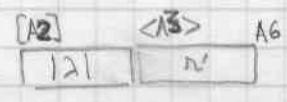
(SP)+, D5/A1/A3

MOVE D5, (A1)

BRA KL860

ML66: EXG A2, A3

RTS



$$|a| = |\lambda| |b| + r'$$

→ b ≥ 0
change le signe de λ
signe de a

change le signe de λ

→ r = 0

