

(1) met $\{A2\} = \langle A0^e \rangle = 2^{-\alpha} A$
 $\alpha \quad A$

XUNFL: MOVE (A0)+, D2 α

$A = 2^k B$ où B est impair:
determine k

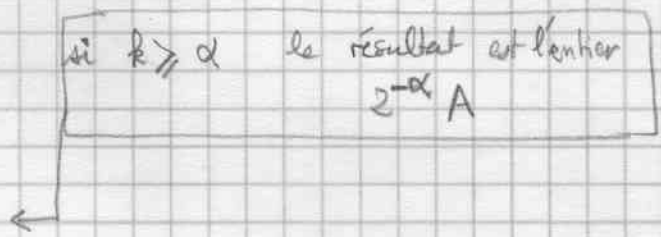
CMP #4000, (A0)
BEQ XPOSEZ met 0

$A = 2^k B$ où B est impair
determine $k = d0$

BSR SLNH0
LEA (A0, D0.W), A1
MOVEQ #-16, D0
MOVEQ #16, D3

GIB52: ADD.L D3, D0
MOVE -(A1), D1
BEQ GIB52

GIB54: ADDQ.L #1, D0
ASR #1, D1
BCC GIB54
SUBQ.L #1, D0 k
EXT.L D2 α
CMP.L D2, D0
BLT GIB56
NEG D2
BRA XROT



GIB56: SUB.L D0, D2 $d2 = \alpha - k$ si $k < \alpha$ le resultat est $\frac{B}{2^{\alpha-k}}$
MOVEM.L D2/A6, -(SP)

NEG D0
MOVE D0, D2
BSR XROT pose $B = A/2^k$

X
X

TST (SP)+
BNE ERRDP
MOVE (SP)+, D1
~~BEQ GIB58~~ overflow
BSR XXPRN $\alpha = k$
MOVE.L (SP)+, A2 met $\{A2\} = 2^{d1.w}$
BSET #5, (A2)

~~GIB58: MOVE.L (SP)+, A2~~
RTS