

entree <<A0>> = a+ib

sortie pose a libre <<A2>> =  $\frac{1}{a+ib}$

debut tout

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

LEA \$4000, A2

~~CMP.L (A0), A2~~ { ADDQ #2, A0 }  
CMP (A0), A2

BNE GAN78

cas imaginaire pur = ib  
met  $-\frac{i}{b}$

MOVE.L A2, (A6)+

avance a0

BSR XFLINV

ADDQ #2, A2

CHGS

change signe si  $\neq 0$  (en principe  $\neq 0$ !)

GAN77: MOVEM.L (SP)+, A0/A2

RTS

~~MOVE.L (SP), A0~~

GAN78: BSR CFLAVI2

avance a0

~~CMP~~ 2(A0), A2

MOVE.L (SP), A0

BNE GAN80

cas reel pur  
met  $\frac{1}{a}$

BSR XFLINV

BSR KL73

pose a0

BRA GAN77

GAN80: BSR CFLCJG

pose a-ib

MOVE.L (SP)+, A0

BSR CFLN2

pose  $a^2+b^2$

MOVE.L A2, A0

BSR XFLINV

$\frac{1}{a^2+b^2}$

MOVE.L (SP), A0 a-ib

MOVE.L A2, A1  $\frac{1}{a+ib}$

BSR CFLMRE

$\frac{a-ib}{a^2+b^2}$

BRA GAN82 } mis a libre