

exp(x)

x fl. complexe ou réel

type I

repète yaexp

```

YEXP:BSR XICFL1
YEXP:CMP #-1,(A0)
BEQ YAEXP → réel
BSR XLOGPI calcule log2 et π
LEA CFLEXP,A1
BRA YCFONC

```

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XLOGPI:BSR XRLOGC met log 2
BRA XREPIC met π et π/4

```

Calcul de  $f(\langle\langle A0 \rangle\rangle)$  sur la pile (peut être exact ou réel fl)

repète yaexp1

```
YCFONC:MOVEH.L M/AS,-(SP)
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BSR XICFLA
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```
GAP85:BSR LB95A
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```
ADDQ #2,A0
```

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⊗ GAP88:ADDQ #8,A6
```

```
MOVE...
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```
JSR (A1)
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```
MOVE (SP)+,-(A2)
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MOVE:L (SP)+,A5
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```
GAP96:BSR LC12
```

```
BRA POPPR
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converti en flottant complexe

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MOVE #-2,D0
GAP83:MOVE,L(SP)+,A1
MOVE D0,-(SP)

```

met  $\langle\langle A2 \rangle\rangle = f(\langle\langle A0 \rangle\rangle)$

- S-1 YAEXP1
- L-2 YCFONC