

$$ppwr(x, k)$$

$$k > 0 \quad x(x-1) \dots (x-k+1)$$

$$k = 0 \quad 1$$

$$k < 0 \quad \frac{1}{(x+1)(x+2) \dots (x+|k|)}$$

iii  $p_0 = x$   
 $k = D3.L$

teste si flottant

repete XHEXPD

TT\MB112: if flag30

BSR XIFLOA (3)84

A2 pointe var p<sub>0</sub>

```
MOVE.L A2, A0
MOVE.L D3, -(SP)
MOVE (A0)+, D0
```

```
CMP #43, TPREC
```

```
BGT ST\MB112 → ancien
```

```
ADDQ #1, D0
```

```
BEXTS D3, 20, 12, D0
```

15

```
BNE V1
```

```
CMP.L D0, D3
```

cas flottant

BNE ST\MB112 → si D3 n'est pas codé sur 12 bits (D3 > 2048)

```
BSR CPCVI
```

met FP0

```
BNE R
```

→ echee depiler

```
MOVE.L (SP), D3
```

```
BSR CPFACT
```

calcule FP0 (D3) (30)96

```
BNE R
```

→ echee

```
ADDQ #4, SP
```

```
BRA CPRP (30)66
```

pose FP0 à la place de p<sub>0</sub>

```
V1: ADDQ #1, D0
```

```
BEQ V3
```

```
V2: MOVE.L (SP)+, D3
```

```
BRA ST\MB112
```

```
V3: BSR CPCXI
```

met FP0 + i FP1 (30)45

```
BNE V2
```

```
MOVE.L (SP), D3
```

```
BSR CPXFACT
```

calcule (FP0 + i FP1) (D3) (30)97

```
BNE V2
```

```
ADDQ #4, SP
```

```
BRA CPXRP
```

endif