

(10)

Entrée

$\mathcal{P}_{A_0}$

polynôme

$$\sum_{i=0}^n a_i x^i$$

SP: (A4)

de traitement des coefficients:

paramètres  
A1, A3

si  $\{A_0\} = a_i$

pose en libre = A2

$f(a_i, A1, A3)$   
paramètres

Pose en libre  $\mathcal{P}_{A_2} = \sum f(a_i) x^i$   
(ou  $f(a_0)$  si cte)

conservé A3  
si sp(A4) conservé A3

```
XMPTR: MOVE.L A6, -(SP)
```

```
MOVE (A0)+, D0
```

```
MOVE D0, (A6)+
```

```
MOVE (A0)+, (A6)+
```

```
CMP #1, D0
```

```
BCC MIG2
```

```
JSR (A4)
```

```
MIG1: MOVE.L (SP)+, A2 cas cte
```

```
RTS
```

```
MIG2: BNE ERREAT
```

```
MOVE (A0)+, D1
```

nb de mon - 1

```
MOVE.L A6, -(SP)
```

```
MOVEM.L A1/A2/A3/A6, -(SP)
```

```
MOVE D1, (A6)+
```

```
MIG4: MOVE (A0)+, (A6)+ exposant
```

boyaie sur les monome

```
MOVEM.L D1/A0/A1/A3/A4, -(SP)
```

```
JSR (A4)
```

```
MOVEM.L (SP)+, D1/A0/A1/A3/A4
```

```
CMP #4000, (A2)
```

```
BNE MIG6
```

cas coef nul

```
LEA -2(A2), A6
```

```
MOVE.L (SP), A2
```

```
SUBQ #1, (A2)
```

```
MIG6: BSR SLNGO
```

```
ADD D0, A0
```

```
DBRA D1, MIG4
```

```
MOVE.L (SP)+, A0
```

```
TST (A0)+ ← BMI
```

MIG6a: met zero XPSPOO

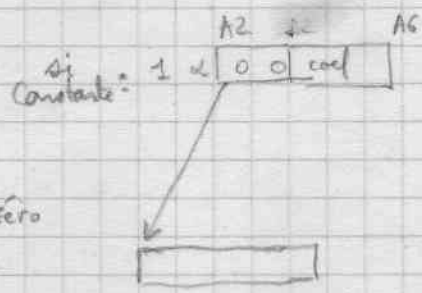
```
BNE MIG1
```

```
TST (A0)
```

```
BNE MIG1
```

```
LEA -2(A0), A2
```

```
BRA KL860
```



```
XPSPOO: MOVE.L (SP)+, A6  
BRA XPSPO
```

(MIG4 utilisé)