

① Longueur de  $\{A_n\}$

et LONG A0, D0

met D0 = longueur en octet du  $\frac{P}{q}$   
printé par A0

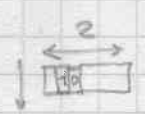
LONG:MACRO

```

MOVE (?1), ?2
BCLR #13, ?2
BNE LGB?0
BCLR #14, ?2
BEQ LGA?0
MOVEQ #2, ?2
BRA LGC?0

```

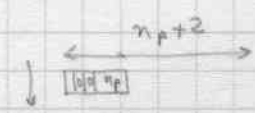
→ avec q



```

LGA?0: BCLR #15, ?2
ADDQ #2, ?2
BRA LGC?0

```



```

LGB?0: BCLR #14, ?2
BEQ LGEA?0
MOVEQ #4, ?2
BRA LGBB?0

```

```

LGEA?0: BCLR #15, ?2
ADDQ #4, ?2

```

```

LGBB?0: BTST #6, -2(?1, ?2.W)
BNE LGC?0
ADD -2(?1, ?2.W), ?2

```

LGC?0: ENDM

```

SLNG0: LONG A0, D0
RTS

```

SLNG01

```

SLNG1: LONG A1, D1
RTS

```

```

SLNG1: EXG A0, A1
EXG D1, D0
BSR.S SLNG0
EXG D1, D0
EXG A0, A1
RTS

```

```

SLNG30: LONG A3, D0
RTS

```

```

SLNG20: LONG A2, D0
RTS

```

```

SLNG12: LONG A1, D2
RTS

```



```

SLNH20: LONG A2, D0
RTS

```

```

SLNH0: LONG A0, D0
RTS

```

```

SLNH1: LONG A1, D1
RTS

```



```

SLNH10: LONG A1, D0
RTS

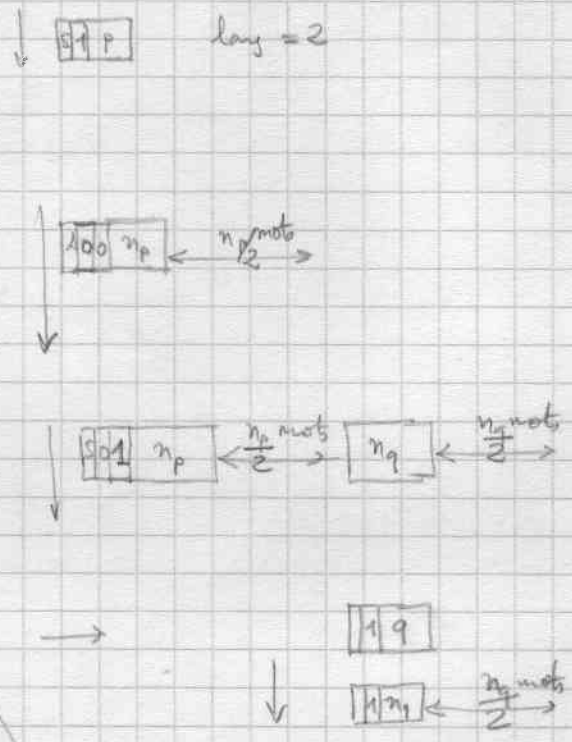
```

① Longueur de {An}

```

LONG: MACRO ; [?1, ?2]
    MOVE (?1), ?2
    BCLR #14, ?2
    BEQ LGA?0
    MOVER #2, ?2
    BRA LGC?0
LGA?0: BCLR #15, ?2
    BCLR #13, ?2
    BNE LGB?0
    ADDQ #2, ?2
    BRA LGC?0
LGB?0: ADDQ #4, ?2
    ...
    BTST #6, ?2(?1, ?2.W)
    BNE LGC?0
    ...
    ADD -2(?1, ?2.W), ?2
LGC?0: ENDM
    
```

met ?2 = longueur en octets de  $\frac{?1}{q}$   
 exemple: LONG A0, D0 met D0 = long {A0}



Longueur de [An]

```

LONG1: MACRO
    MOVE (?1), ?2
    BCLR #14, ?2
    BEQ LGD?0
    MOVER #2, ?2
    BRA LGE?0
LGD?0: AND #0FFF, ?2
    ADDQ #2, ?2
    
```

LGE?0: ENDM

Vérif même ?1 = nouveau libé possible

```

VERIF: MACRO
    CMP.L #FZONE, ?1
    BGT XERRM
    MOVE.L ?1, A6
    ENDM
    
```

```

VERAG: MACRO
    CMP.L #FZONE, A6
    BGT XERRM
    ENDM
    
```

```

XERRM: MOVE #, D0
    BRA RER
    
```