

① Compare [A1], [A0]

```

XCMP1: MOVEQ #1, D0
XCMP1: BTST #7, (A0)
      BNE KAS5
      BTST #7, (A1)
      BEQ XCMP1
      ↓
      CMP #0, D0
      RTS

```

→ A0 < 0

→ [A0] ≥ 0 et [A1] ≥ 0

[A0] ≥ 0 > [A1]

```

KAS5: BTST #7, (A1)
      BNE KAS6
      CMP #2, D0
      RTS

```

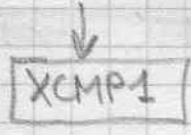
↓ [A0] < 0 ≤ [A1]

```

KAS6: EXG A0, A1

```

[A0] < 0 et [A1] < 0



① Compare  $[A1], [A0]$

(si resulta que  $CMP A1, A0$ )

repite

détruit  $A0, A1$   
 $D0, D1$

```
XCMP1: MOVE (A0)+, D0 ENTR
        MOVE (A1)+, D1
        AND # $FFFF, D0
        AND # $FFFF, D1
        BCLR #14, D0
x BEQ KAS1
        BCR #14, D1
x BEQ KAS0
        CMP D1, D0
        RTS
```

→  $[A0]_{long}$

→  $A1_{long} > A0_{court}$

```
KAS0: CMP # $FFFF, D1
        RTS
```

```
KAS1: BCLR #14, D1
        BEQ KAS3 →  $[A1]_{long}$ 
        ↓  $A1_{court} < A0_{long}$ 
```

```
        CMP #0, D0
KAS2: RTS
```

```
KAS3: CMP D1, D0
        BNE KAS2
        ASR #1, D0
        SUBQ #1, D0
KAS4: CMPM (A0)+, (A0)+
        DBNE D0, KAS4
        RTS
```