

① Pose  $\{A2^i\} = \{A0^e\} \uparrow D1 \cdot W$   
sign

napis XEXP2

```

XEXP2: TST D1
      BEQ XPOSEUN
      MOVE (A0), D0
      CMP # $4001, D0
      BEQ XPOSEUN
      CMP # $4000, D0
      BNE KB68
      TST D1
      BPL XPOSEZ
      BRA KB44

```

$x^0 = 1$

$1^x = 1$

$0^x = 0 \quad x > 0$

$(-)^x = \begin{cases} 1 & x \text{ pair} \\ -1 & x \text{ impair} \end{cases}$

```

KB68: CMP # $C001, D0
      BNE KB70
      BSR XPOSEUN
      BTST #0, D1
      BEQ KB69
      MOVE # $C001, (A2)

```

→ pair

KB69: RTS

```

KB70: MOVE D1, -(SP)
      EXT.L D1
      BPL KB52
      NEG.L D1
      BRA KB52

```

conserve le signe

x