

définit A0/A1/A3/A4
D0-D4

repite XADD1

```

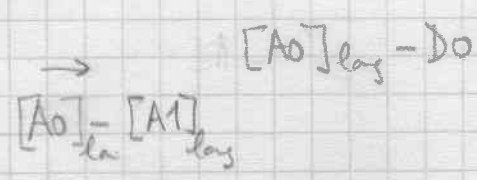
XSUB1: MOVE (A0)+, D0      ENTR
        MOVE (A1)+, D1
        AND  # $FFFF, D0
        AND  # $FFFF, D1
        BCLR #14, D0
        BEQ  KA26          → [A0] long
        BCLR #14, D1
        BEQ  KA25          → { [A1] long - D0 }
        SUB  D1, D0        ← MOVE.L A6, A2
        BCC  XPOSED1
        NEG  D0
        BSR  XPOSED1
        BSET #7, (A2)     change sign
        RTS
    
```

```

KA25: EXG  D0, D1
        MOVE.L A1, A0
        BSR  KA28
        BSET #7, (A2)
        RTS
    
```

```

KA26: BCLR #14, D1
        BNE  KA28
        ↓
        CMP  D0, D1
        BLT  KA45
KA27: EXG  D0, D1
        EXG  A0, A1
        BSR  KA45
        BSET #7, (A2)
        RTS
    
```



```

        BNE  KA27
        MOVE D0, D4
        ASR  #1, D4
        SUBQ #1, D4
        MOVE.L A0, A2
        MOVE.L A1, A3
KA260: CPM (A2)+, (A3)+
        BCS  KA45
        BNE  KA27
        DBRA D4, KA260
XPOSEZ: CLR  D0
        BRA  XPOSED0
    
```

met zéro

① repite XPOSEDA

[A0]long - D1
Do

```

KA28: MOVE.L A6, A2
      MOVE.L A2, A3
      MOVE D0, (A3)+
      ADD D0, A3
      VERIFM A3
      ADD D0, A0
      ASR #1, D0
      SUBQ #1, D0
      MOVE D0, D4

```

```

KA29: MOVE -(A0), D3
      SUB D1, D3 ← MOVEM D3, -(A3)
      BCC KA310
      MOVE D3, -(A3)
      MOVEQ #1, D1

```

```

KA30: DBRA D0, KA29
      BRA ERRLA

```

ERRLA: MOVE #3, D0 } error label
BRA RER

```

KA310: SUBQ #1, D0
      BMI KA35

```

```

KA32: MOVE -(A0), -(A3)

```

```

KA31: DBRA D0, KA32
      RTS

```

X...

```

XCONTR: MOVE.L A2, A3
        MOVE (A3)+, D4
        ASR #2, D4
        SUBQ #1, D4

```

démut 0 A3
D0 D4

AND #1FFF, D4

```

KA35: TST (A3)+
      BEQ KA41
      TST D4
      BEQ KA38

```

```
KA37: RTS
```

```

SDIM } KA38: MOVE 2(A2), D0
      CMP #1000, D0
      BCC KA37

```

```

KA39: MOVE.L A2, A6
      BSET #14, D0
      MOVE D0, (A6)+

```

↓ fame courts

```

      RTS
KA40: TST (A3)+
      BNE KA42

```

```
KA41: DBRA D4, KA40
```



```

KA42: SUBQ #2, A3
      MOVE.L A2, A6
      MOVE D4, D0
      ADDQ #1, D0
      ADD D0, D0
      MOVE D0, (A6)+

```

```

KA41a: MOVE.L A2, A6
      MOVE #4000, (A6)+
      RTS

```

```

KA43: MOVE (A3)+, (A6)+
      DBRA D4, KA43

```

```

      CMP #2, D0
      BEQ KA38
      RTS

```

repeats KA23

$[A0]_{D0}^{long} - [A1]_{D1}^{long}$

$[A0] \rightarrow [A1]$
 $D0 \rightarrow D1$

```

KA45: MOVE.L A6, A2
      MOVE.L A2, A3
      MOVE D0, (A3)+
      ADD D0, A3
      VERIFM A3
      ADD D0, A0
      ADD D1, A1

```

```

      ASR #1, D0
      ASR #1, D1
      SUBQ #1, D1
      SUBQ #1, D0
      MOVE D0, D4
      SUB D1, D0

```

D4+1 mots

```

KA46: MOVE -(A0), D3
      MOVE -(A1), D2
      SUBX D2, D3
      MOVE D3, -(A3)

```

```

      DBRA D1, KA46

```

```

      CLR D1
      ADDX D1, D1
      BNE KA30
      BRA KA310

```