Simplifie fraction $f = \frac{[A0]^e}{[A1]^e}$ et forme simplifiée en $A0^s$, $A1^s$ (mise en libre que ancien si pgcd = 1)

fraction simplifiée $\frac{A0^s}{A1^s} = f$

$A0^s$ | $A1^s$ | $A2^s$ α

$|[A0^e]| = \alpha |[A0^s]|$
$|[A1^e]| = \alpha |[A1]|$

```
SIMF: LEA    TCONST1,A2
SIMF: CMP    #$4000,(A0)
      BEQ    KB28           -> {0;0 ou ;1 (A2)  {0;1  ;A1
      CMP    #$4000,(A1)
      BEQ    KB27           -> 1;0 ;A0
      MOVEM.L A0/A1/A6,-(SP)
      BSR    XPGCD      <- { CMP #$4001,(A2)
      MOVE.L (SP)+,A0      { BEQ KB26        -> A0 ; A1 ancien
      MOVE.L A2,-(SP)
      MOVE.L A2,A1
      BSR    XDIV1
      MOVE.L (SP)+,A1   pgcd
      MOVE.L (SP)+,A0   [A1]e  <- MOVE.L A1,-(SP)   A0e/pgcd
      MOVE.L A2,-(SP)                                pgcd
      BSR    XDIV1
      MOVEM.L (SP)+,A1/A6        MOVE.L  A2,A1
                                 MOVEM.L (SP)+,A0/A2
                                 RTS
      MOVE.L A6,A0
      LONG1  A1,D0      BSR SLNH10
      ASR    #1,D0
      SUBQ   #1,D0                       1494,9;
KB24: MOVE   (A1)+,(A6)+
      DBRA   D0,KB24   <- MOVE.L A6,A1
      LONG1  A2,D0        BSR SLNH20
      ASR    #1,D0
      SUBQ   #1,D0
KB25: MOVE   (A2)+,(A6)+
      DBRA   D0,KB25
      RTS
```

```
KB26: MOVEM.L  (SP)+, A0/A1 ~~A6~~   ⊗
      RTS
```

```
KB27: BSR   XPOSEUN
      MOVE.L  A2,A0
      RTS
KB28: CMP   #$4000,(A1)
      BEQ   KB290

KB29: BSR   XPOSEUN
      MOVE.L  A2,A1
KB290:RTS
```

```
KB27: EXG   A0,A2      )⊗
      RTS
```

```
KB28: CMP   #$4000,(A1)
      BEQ   KB29$
      EXG   A1,A2      )⊗
KB29$:RTS
```