

Simplifie fraction  $f = \frac{[A0]^e}{[A1]^e}$   
et

forme simplifie  
=  $A0^s, A1^s$   
(mise en forme ou  
ancien si pgcd=1)  
fraction simplifie  $\frac{A0^s}{A1^s} = f$

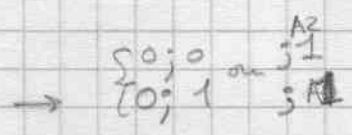


$$\frac{[A0]^e}{[A1]^e} = \alpha \frac{[A0^s]}{[A1^s]}$$

```
SIMF: LEA TCONST1, A2
```

```
SIMF: CMP # $4000, (A0)
```

```
BEQ KB28
```



```
CMP # $4000, (A1)
```

```
BEQ KB27
```



```
MOVEM.L A0/A1/A6, -(SP) ⊗
```

```
BSR XPGCD
```

```
MOVE.L (SP)+, A0
```

```
{ CMP # $4001, (A2)  
  BEQ KB26
```

→ A0; A1 ancien

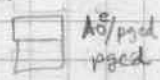
```
MOVE.L A2, -(SP)
```

```
MOVE.L A2, A1
```

```
BSR XDIV1,
```

```
MOVE.L (SP)+, A1 pgcd
```

```
MOVE.L (SP)+, A0  
MOVE.L A1, -(SP) ⊗
```



```
MOVE.L A2, -(SP)
```

```
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 SLNH16
```

```
ASR #1, D0
```

```
SUBQ #1, D0
```

1494, 9;

```
KB24: MOVE (A1)+, (A6)+
```

```
DBRA D0, KB24
```

```
LONG1 A2, D0 ← MOVE.L A6, A1  
BSR SLNH20
```

```
ASR #1, D0
```

```
SUBQ #1, D0
```

```
KB25: MOVE (A2)+, (A6)+
```

```
DBRA D0, KB25
```

```
RTS
```

K

①

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

KB27: BSR XPOSEUN  
MOVE.L A2, A0  
RTS  
KB28: CMP # \$4000, (A1)  
BEQ KB29  
KB29: BSR XPOSEUN  
MOVE.L A2, A1  
KB29: RTS

KB27: EXG A0, A2 ) ⊗  
RTS

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