

2

Remplace $\begin{matrix} A_0 & A_1 \\ R & S \end{matrix}$ libe par $\begin{matrix} A_0 \\ R+S \end{matrix}$ libe
types homogènes

```
XADD: TST (A0)
      BEQ KF63
```

```
XADF: CMP.L #14000, (A1)
```

```
      BEQ KF630
      CMP.L #14000, (A0)
      BEQ KF631
```

L

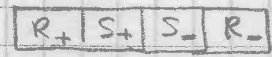
```
      MOVEM.L A0/A1, -(SP)  $R = \frac{R_+}{R_-}$   $S = \frac{S_+}{S_-}$ 
```

```
      BSR XNUMF  $\rightarrow R_+$ 
      MOVEM.L A2/A6, -(SP)
```

```
      MOVE.L 12(SP), A0  $(S)$ 
```

```
      BSR XNUMF  $\rightarrow S_+$ 
```

```
      BSR XDENF  $\rightarrow S_-$ 
```



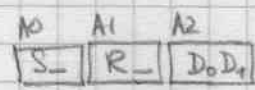
```
      MOVE.L A2, -(SP)
```

```
      MOVE.L 12(SP), A0  $(R)$ 
```

```
      BSR XDENF  $\rightarrow R_-$ 
```

```
      MOVE.L A2, A1  $(R)$ 
```

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

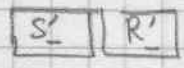


```
      BSR XPGCDF
```

```
      MOVEM.L A0/A1/A2, -(SP)
```

```
      MOVE.L A2, A1  $D_0, D_1$ 
```

```
      BSR XCONCI  $S'_- = \frac{S_-}{D_0, D_1}$ 
```



```
      MOVEM.L A2/A6, -(SP)
```

```
      MOVE.L 12(SP), A0  $R_-$ 
```

```
      BSR XCONCI  $R'_- = \frac{R_-}{D_0, D_1}$ 
```

```
      MOVEM.L 20(SP), A0/A1  $R_+ S_+$ 
```



```
      BSR XPGCDF1
```

```
      MOVE.L A2, A1  $C_0, C_1$ 
```

```
      BSR XCONCI  $R''_+ = \frac{R_+}{C_0, C_1}$ 
```



```
      MOVEM.L A1/A2, -(SP)
```

```
      MOVE.L 32(SP), A0  $S_+$ 
```

```
      BSR XCONCI  $S''_+ = \frac{S_+}{C_0, C_1}$ 
```



2

```

MOVE.L A2, A0      S''+
BSR XDEVFP         (S''+)dev
MOVE.L A2, -(SP)
MOVE.L 16(SP), A0  R'
BSR XDEVFP         (R')dev
MOVE.L A2, A1
MOVE.L (SP)+, A0  (S''+)dev
BSR XMULP          S''+R'

```

S''₊R'

S''₊R'

```

MOVE.L A2, -(SP)
MOVE.L 8(SP), A0  R''+
BSR XDEVFP         (R''+)dev
MOVE.L A2, -(SP)
MOVE.L 16(SP), A0 S'-
BSR XDEVFP         (S'-)dev
MOVE.L A2, A1
MOVE.L (SP)+, A0  R''+
BSR XMULP          (S'-)R''+
MOVE.L (SP)+, A0  S''+R'-
MOVE.L A2, A1
BSR XADDP          R''+S'- + S''+R'-

```

```

MOVEM.L A2/A6, -(SP)
MOVEM.L 36(SP), A0/A1

```

⊗+⊗	d.b
C ₀	R'

```

CLR D0
BSR XCOMF          C0
MOVEM.L 24(SP), A0/A1

```

```

CLR D0
BSR XCOMF          D0
MOVE.L A2, A1      D0
MOVE.L 4(SP), A0  C0

```

```

BSR XCONCI        C0/  
D0
MOVE.L 4(SP), A0
BSR XLB76

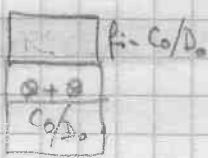
```

⊗+⊗	C ₀ / D ₀
-----	------------------------------------

2

MOVEM.L 20(SP), A0/A1 R'S_

BSR XCONCP R'S_



MOVE.L A2, A0 R'S_

MOVE.L 4(SP), A1 C0/D0

BSR XCONCP

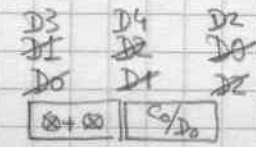
MOVE.L A0, -(SP) R'S_ = fin de C0/D0

MOVE.L A2, A1 R'S_ C0/D0

MOVE.L R(SP), A0 C0C1

BSR XCONCI $\frac{C_0C_1 + D_0}{R'S_ - C_0} = \frac{C_1}{D_1 R'S_} = 9$

MOVEM.L (SP)+, D0/D1/D2 \otimes



ADD #36, SP



MOVE.L (SP), A0

MOVEM.L A2/A6, -(SP) \otimes

MOVE.L D0, A2 \otimes

MOVE.L D4, A6 \otimes

BSR XLB76 copie $\otimes + \otimes$



MOVE.L A0, A1

MOVE.L D2, A6

BSR XLB76 copie C/D0

MOVEM.L (SP)+, A2/A6

MOVEM.L A0/A1, -(SP)

BSR XLB76 copie 9



MOVE.L 8(SP), A0

BSR XPSAF1 factouse $\otimes + \otimes$ et sub x^k

MOVE.L A2, -(SP)

MOVE.L 8(SP), A0

BSR XPSF copie C_0/D_0

MOVE.L A2, A1 C_0/D_0

MOVE.L (SP)+, A0 $\otimes + \otimes$

BSR XMULF $(\otimes + \otimes) \frac{C_0}{D_0}$

MOVE.L (SP)+, A1 9

BSR XCONCP R+S

MOVEM.L (SP)+, D0/A0/A1
bit. orig bita

MOVE.L A0, A1

BSR XLB76

MOVE.L A1, A0

RTS

②
KF63: ADDQ #2, A0
ADDQ #2, A1
BSR XADDP
BRA KF364

KF630: MOVE.L A1, A6
RTS

KF631: MOVE.L A1, A2
MOVE.L A0, A1
BSR XLB76
MOVE.L A1, A0
RTS