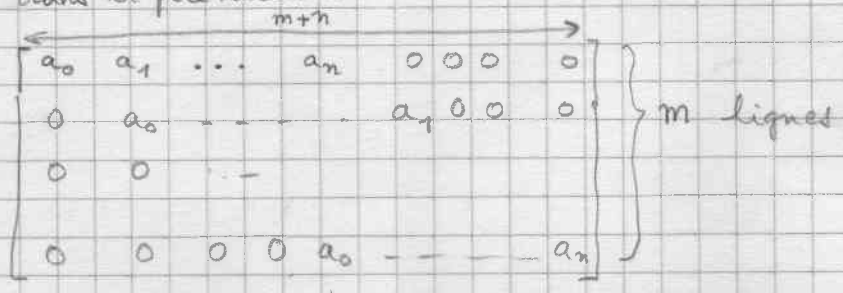


5) entrée  $P_{A_0} = a_0 x^n + \dots + a_n = P$   
 $DS = n = \text{deg}(P)$   
 $DR = m + n$   
 $DO = x$

définir tout

Pousse dans la pile interne:



```
XELIM: MOVE TVARN, D6
      ADDQ #1, D6
      MOVEM T D2/DS/D6, -(SP)
```



```
MOVE DS, D1
```

↑  
boucle sur D1 = n, ... 0

```
MH12: MOVEM.L DO/D1/A0, -(SP)
```

```
ADDQ #8, A6
```

```
BSR XCOEFF
```

pose  $a_{n-k}$

```
CLR -(A2)
```

```
BSR LC12
```

pousse ds la pile

```
MOVEM.L (SP)+, DO/D1/A0
```

```
DBRA D1, MH12
```

```
MOVE (SP)+, D2 m+n
```

```
SUB (SP), D2
```

```
ADDQ #1, D2
```

```
MOVE D2, D3 D2=D3=m-1
```

```
BRA MH17
```

↑  
boucle sur D2 = m-2, ... 0  
(m-1 fois)

```
MH14: MOVEM D2/DS, -(SP)
```

pousse m zéros

```
MH15: BSR PUSHNZ
```

```
DBRA D3, MH15
```

```
MOVEM 4(SP), DO/D2 a_0
```



```
MH16: MOVEM DO/D2, -(SP)
```

```
BSR LB321
```

pousse v(D2)

```
MOVEM (SP)+, DO/D2
```

```
ADDQ #1, D2
```

```
DBRA DO, MH16
```

```
MOVEM (SP)+, D2/D3
```

```
MH17: DBRA D2, MH14
```

```
ADDQ #4, SP
```

```
RTS
```