

①

Série, Mag: $1 + \frac{X}{2} + \frac{X^2}{3} + \frac{X^3}{4} + \dots$

```

XSER3L: ADDQ #1, DO
        BRA  XPOSEDO
  
```

Série Arctg $1 + \frac{X}{3} + \frac{X^2}{5} + \frac{X^3}{7} + \dots$

```

XSER3T: ADD  DO, DO
        ^
        |
        v
        [XSER3L]
  
```

④ Série exponentielle : soit $[A1] = D0.W$

XSER3E: BRA XPOSED0

Serie sin $1 + \frac{X}{3!} + \frac{X^2}{5!}$ soit $2 \cdot 2D0 (2D0 + 1)$

```
XSER3S: ADD D0, D0
        MOVE D0, D1
        ADDQ #1, D1
        MULL D1, D0
        BRA XPOSEL
```

MOV.L