(1)

Entrée $u = \langle A0 \rangle = \lambda \frac{\pi}{4} + r$ $\quad r \in [0, \frac{\pi}{4}[$

Pose plus loin qu'en libre

où $r' = \begin{cases} r & \text{si } \lambda \equiv 0 \text{ ou } 2 \\ \frac{\pi}{4} - r & \text{si } \lambda \equiv 1 \text{ ou } 3 \end{cases}$

$D0^S \equiv \lambda \pmod 4$

```
XFLDVP:MOVE.L   A0,A1
       MOVE     #3,D4
       BSR      LB95C        } <A0> = π/4
       ADDQ     #2,A0
       EXG      A0,A1
       MOVE.L   A1,-(SP)
       BSR      XFLDVS
       MOVE     -2(A2),D0
       TST      (A3)
       BPL      ML71
       NEG      D0
ML71:  ADD.B    FDIV,D0
       AND      #3,D0
       MOVE.L   (SP)+,A0
       BTST     #0,D0
       BEQ      ML72
       MOVE     D0,-(SP)
       MOVE.L   A2,A1
       BSR      XFLSUB
       MOVE     (SP)+,D0
ML72:  RTS
```

$u = (\lambda' + \text{fdiv.B}) \frac{\pi}{4} + r$

$D0 \equiv \lambda \mod 4$

→ si $\lambda \equiv 0$ ou 2
↓ si $\lambda \equiv 1$ ou 3

$r' \leftarrow \frac{\pi}{4} - r$