

① si  $\{A0\} = \frac{p}{q} = \left(\frac{a}{b}\right)^k$  pos  $\{A\} = \frac{a}{b}$  et  $D4=0$

débit A0

sinon pos  $\{A\} = \text{INT}\left(\sqrt{\text{INT}\left(\frac{p}{q}\right)}\right)$   $D4=1$   
 $-1$  (racine pair de négatif)

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XR02: BTST #7, (A0)
      BEQ  XR02A
      BTST #0, D3
      BEQ  KL40
      BSR  XR02A
      TST  D4
      BNE  KL38      → r5
      CHGS

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KL38: RTS

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KL40: MOVE.L A6, A2
      MOVE #&K001, (A6)+
      MOVEQ #1, D4
      RTS

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racine paire de négatif → -1  
 $D4=1$