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HNI BRZ 4
                       311540001
1) \rho(t \mid x, x, t) = \int_{-\infty}^{\infty} \rho(t \mid x, w, \rho) \rho(w, x, t) dw
 op(w|x,t) x p(t |x, w) p(w |x)
  In addition
   p(t | x,w) = N(t | w = (x), B-1)
              = N(t/W/A+b,2-1)
   =) A = & (x) T, b = 0, L = PI)
 ορ(w |x) = N(w 10, x-'I) = N (w |n, Λ-')
           =) n=0, N= aI
 ορ(w/x,t) = N(w/ Σ (ATL(w-b) + A μ 3, Σ)
               which I = (XI + ATLA) -1
 =) N (w | S($\overline{\pi}(x)\rhot), S) where S=(\alpha\I+\overline{\pi}(x)\rho\overline{\pi})\forall
 p(t | w, x) = ) V(t | w = (x), B-1) 7 = ) A = & (x), b=0
           = N(t/WIA+6,L-1)) L= PI
p(w(x, t) = N (w | S(BE(x)t), S) 2= p= S(PE(x)t)
           = \rho(w|\mu, \Lambda^{-1})
=) p(t) x, x,t)=N(t|Au+b, L+An-A7)
         N(t|p](x) TS (x) t, p-1+ =(x) TS (x))
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