```
Formule explicite de XI processus de Vasitet
                dX_t = -x(X_t - \mu)dt + \nabla dW_t
                                                                                                                                                                              on Level pe
                1Xt = -aXt dt + a m dt + v MUE
               dXt + a Xt dt = a m dt + v dWt I om regnouse Xt
              Om multiple pu c:

Rappl: d[f(t)X_t] = f(t) dX_t + f(t)X_t dt
             detxte = et dxt + a e xt dt = et dxt + a xt dt
         et (dX+ +a X+dt) = a m et t+ vet dWt invation on en
cadu stochastipe d(z Xt) = a me dt + Te dWt
              On integra:

e \times_{t} - \times_{0} = \int a_{M} e^{a \cdot s} ds + \int e^{a \cdot s} dW_{s}
                at X_{t} = X_{0} + Jamens ds + Jaens dws
                        \frac{e^{at}}{e^{at}} = \frac{1}{e^{at}} \times \frac{1}{e^{at}} = \frac{1}{e^{at}} \times
                             X_t = e^{-\lambda t} X_0 + e^{-\lambda t} \int a_{\mu} e^{\lambda s} ds + \nabla e^{-\lambda t} \int e^{\lambda s} dw
              On calcule l'intégrale déterministe:
                          \int a \mu e^{as} ds = \alpha \mu \int e^{as} = \mu (e-1)
         Donc: e u(e-1) = u(e-1) = u(1-e)
             X_{L} = e^{-\lambda t} X_{D} + \mu \left[ 1 - e^{-\lambda t} \right] + \sqrt{e^{-\lambda t}} \left[ e^{\lambda s} \right] \mathcal{W}_{s}
                                 \frac{-at}{e} X_0 + \mu \left[ 1 - e \right] = X_0 = + \mu - \mu e = \frac{-at}{e} \left[ X_0 - \mu \right] + \mu
      X_{t} = M + e^{-at}(X_{0} - \mu) + \nabla e^{-at}(A_{0} - \mu)
```