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04.04.2022. Kps. Towarda Anuxungha
   D X = M + Bt (=> dx = Md+dB+)
                  Muller Municip f(x) # conse: YE = g(xE) - Maprimian
        Petteruse: no q-ne umo gus f(x):
                                           df(x)= fidt+fidk+ ffxb(x)=
                                                                = Stdt + 9'x (udt+dbt) + ffix dt =
                                                            = (fi + ug'x + fg'x) dt + g'x dbt
                                   Nogsepin taxyo-musy of taxyo, two or f'_{\epsilon} + Mf'_{k} + \frac{1}{2}f'_{kx} = 0.
                                                  I was 1=f(x) - me palmeur or t => ft=0.
                                                         => M 8 + 12 4 =0.
                                                    Same Vi=fx
                                                                      => U.V+f V/ =0.
                                                                      3 dr = - 340
                                                                   =) dv = - 3/18/8
                                                                   -> la lot = - gux+c
                                                                      => v= c. e-2ux
                                                       Opania janeno: 1/x=e-e-24x
                                                                                                                   # = C. e-34x
                                                                                                               2= -2 - - BUX + C1
                                                                                                 Man negocigin movers, TO ear f= -1 e - neoseigem.
           > ghe rance f: df(xt)= e - sux, dbt - uneer want camaence c db, > non-cuaparners.
    Проверин, чит он шарангая
The halfo apoleping, your ElYelcos?

E|Y_{e}| = \int_{-\infty}^{\infty} \left| -\frac{1}{2\mu} e^{-2\mu x} \right| \frac{1}{\sqrt{2nt}} e^{-\frac{1}{2x} - \mu x} \frac{1}{\sqrt{2n}} e^{-\frac{1}{2x} - \mu x} e^{-\frac{1}{2x} -
     The majo rhobepus, 4mo ElYelcos?
      Ombenis f(x) = -1 e - 2ux - nograpur.
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(2) Merine VII.x): 1 Vf (tix) + 1 Vxx (tix) + 4 Vx (tix) = rV(tix) itelan; xell Римении: по д не дестрана - кана. altix)=11 f(x)=ex > Jaly = Mat + albe MEXENTER | NIL,X) = e - rIT-t) Etix f(XT) = e - rIT-t) E + le (XT) | Xt = 25. I was alt = udt + dbt => Xr = Xt + M(T-t) + BT-t ~ N(2+M(T-t); T-t) = e x+ 11/2+) 1 100 2 - y2+ 21/2+y dy = = e x+417-y + +00 - 14-17-t)2+17-t) dy= =  $e^{2e+\mu(r,t)}$   $\int_{\infty}^{+\infty} \int_{\infty}^{+\infty} e^{-(y-\sqrt{r},t)^2} e^{\frac{r}{2}} = e^{2e+\mu(r,t)}$   $\int_{\infty}^{-\infty} \int_{\infty}^{+\infty} e^{-(y-\sqrt{r},t)^2} e^{\frac{r}{2}} = e^{2e+\mu(r,t)}$   $\int_{\infty}^{+\infty} e^{-(y-\sqrt{r},t)^2} e^{-(y-\sqrt{r},t)^2} e^{-(y-\sqrt{r},t)^2}$  $\Rightarrow V(t,x) = e^{-r(r-t)} E e^{xr} = e^{-r(r-t)} x + \mu(r-t) \frac{T-t}{2} \Big|_{x=1}^{\infty} \left|_{x=1}^{\infty} \left(\frac{x-(r-\mu)(r-t)}{2}\right) + \frac{(1-t)^{2}}{2}\right|_{x=1}^{\infty} \left(\frac{x-(r-\mu)(r-t)}{2}\right)$ Onbem: Vt, 21 = 2 2-17-4) 17-4) +(1-4)

(3) I'm peurence yp-8  $\int dx_{E} = \frac{1}{x_{E}} dt + \sqrt{x_{F}} ds_{F}$ , on fig. 9ms beex  $t \in \mathbb{R}_{+}$ ? Penense: 8(x)=1 Расси. осогую почиу усо.  $S^{(k)} = \exp \left( \int_{0}^{a} \frac{2 \theta(y)}{0^{2} (y)} dy \right) = \exp \left( \int_{0}^{a} \frac{2 \theta(y)}{y} dy \right) = \exp \left( \int_{0}$  $\int_{0}^{a} \int_{0}^{a} |y| dy = \int_{0}^{a} e^{2/\frac{1}{2} - \frac{1}{4}} dy = e^{-\frac{a}{4}} \int_{0}^{a} e^{\frac{a}{2}} dy = \infty.$ -> bossepance mengy renow 3 a renows. Tam brashuye run 3,4,5 - bucere. > man mapo yzman, kamon nin f+00  $S(x) = \exp \left\{-\int_{a}^{x} \frac{2f(y)}{\sigma^{2}(y)} dy\right\} = \exp \left\{-\int_{a}^{x} \frac{2dy}{y^{2}}\right\} = \exp \left\{\frac{2}{3}\left[\frac{x}{3}\right] = \exp \left\{\frac{2(x-\frac{1}{3})}{3}\right\}$  $\int_{a}^{+\infty} \int_{a}^{+\infty} \int_{a}^{+\infty$ 

→ Сморим в петризу - есть и спосте 3-е, и спостеля ериневеннося.

```
he power De = 1
                                                                                           (P)
             * St = 1+ M2
       Chafaem he man pouce NFLVR?
   Решение: нет, не одгарами за на этом рожие семь аргадрам (10 50-6)
                         repy themes t nongraew, rue y nac your fit plan + angus
                                   y respect year St = 1+ 142
                                      > Mustome year 142
                     A NO praw, muo NFIVR -> NA.
                                                1 P(M2 >0) > 0. > aparpau
                               no eaus aparpau -> Mer NFLVR.
 (5) |ds, i = & ( | u'M + 6 dm')
                                    [Onben: wer.]
  Maine enpalegnalys councer rannours, northus names & Buenaus T,
                         lona 3, 1 > 3, 2, mare o.
Perseum. Mer werkeyen E [11 57 > 573] MANNE
          Reperoquent & pueu- new Thankuyes weeky.
               => dsi = si 5 i dhi
             > 18-na gus percences som. Si=1. 6 2 + 5: Wi
    Tonga crowness & moment non = E^{Q}[1/s_{r}^{1}>s_{r}^{2}]=Q[e^{-\frac{(6_{1})^{2}}{2}}]+6_{1}K_{r}^{1}-\frac{(6_{2})^{2}}{2}+6_{2}K_{r}^{2}]
       = Q ( & 6, N, 1-6, N, 2) ((6,)2-(6,)2) ) = Q ( 6 N, > ((5,)2-(6,)2) ] =
      =Q\left(\widetilde{6}.\sqrt{T}.\xi>\left(\frac{(6i)^{2}-62}{2}\right)^{2}\right)T=1-\frac{Q\left(\frac{(6i)^{2}-62}{2}\right)^{2}T}{2\widetilde{6}\sqrt{T}}=\left|Q\left(\frac{(6i)^{2}-62}{2\widetilde{6}}\right)\sqrt{T}\right|
                                             Omben: caunoes/ = P/(62-6,2)(7)
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