$$d(\log S) = \left[ \frac{1}{3} \times \left( -\frac{1}{3} \times \right) + \frac{1}{3} \times \left( -\frac{1}{3} \times \right) \right] + \frac{1}{3} \times \left( -\frac{1}{3} \times \right) = \left( \frac{1}{3} \times \right)$$

$$\int_{0}^{T} J(logs) = (\mu - \frac{1}{2}6) \int_{0}^{T} J\tau \int_{0}^{T} Jx$$

$$+ 3 \int_{0}^{T} Jx \int$$

$$\int t\tau = \int (t) \exp \left( (\mu - \frac{1}{2}e^{2})(\tau - t) + \sigma (X(\tau) - X(t)) \right)$$

$$\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} e^{(\mu - \frac{1}{2}e^{2})(\tau + \sigma (X(\tau) - X(t)))}$$

$$\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} e^{(\mu - \frac{1}{2}e^{2})(\tau + \sigma (X(\tau) - X(t)))}$$

$$\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} e^{(\mu - \frac{1}{2}e^{2})(\tau + \sigma (X(\tau) - X(t)))}$$

$$\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} e^{(\mu - \frac{1}{2}e^{2})(\tau - t)}$$

 $F(\omega)$ 0

 $\int_{S} \int_{S} \int_{S$ 1055 = Mt+521W 1 ( ) Jalu

du= - Yu 2t - 5 2X Jut Xugt = 0 Jx I. F is ext erelduntly=(sedx) (d(eta))

5/+P5 = Q

[Pdx]

I.F R(n) = e d(R(x15) = 120

$$\int_{c}^{c} \frac{\partial x}{\partial x} dx = F(x, t) - F(x, 0)$$

$$-\int_{c}^{c} (\frac{\partial F}{\partial x} + \frac{1}{2} + \frac{\partial x}{\partial x}) dx$$

(4) 16 to 1(5t) Whee S endres according lo トーントナラア 2D TSE ハノマナタン、ドナフドノー M(f'?) + 19/ 41 + 13/ 3/2 3/4  $9\Lambda = \left(\frac{9f}{9n} + W2\frac{92}{9n} + \frac{5}{1}a_{2}c_{3}\frac{9i_{5}}{9i_{5}}\right)^{a_{1}}\frac{9i_{2}}{9f}$ 

$$dy = A dt + D dx$$

$$E[dy] = A dt : E[dx]$$

$$V(dy) = V(D dx)$$

$$= B^{2}V(dx)$$

$$= B^{3}V(dx)$$

Tolly I diff

$$\frac{1}{N(x)} = \frac{1}{\sqrt{2x}} \int_{-\infty}^{\infty} e^{-\frac{1}{2}x^2} dx$$

$$\sum_{R} R = RAND()$$

$$E\left(\frac{N}{R}\right) = \frac{N}{2}$$

$$E\left(\frac{N}{R}\right) = \frac{N}{2}$$

$$\sum_{R} RAND() - \frac{N}{2}$$

$$\sum_{R} R - \frac{N}{2} = \frac{N}{2}$$

$$\sum_{R} R - \frac{N}{2} = \frac{N}{2}$$

$$\sqrt{\left(\frac{N}{N}R - \frac{N}{2}\right)} = 1$$

$$\sqrt{2} \sqrt{\frac{N}{N}R} = 1$$

$$\sqrt{2} \sqrt{\frac{N}{N}} = 1$$

$$\sqrt{2} \sqrt{\frac{N}{N}R} = 1$$

$$\sqrt{2} \sqrt{\frac{N}{$$

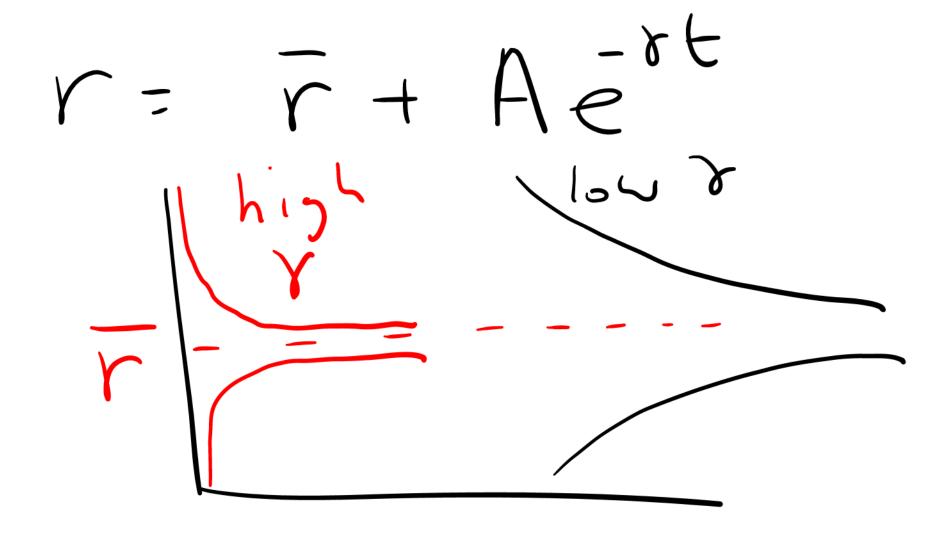
$$\sum_{N} RAND() - Nx \frac{1}{2}$$

$$\sum_{i=1}^{N} y_i - Nx$$

$$\sum_{i=1}^{N} y_i - Nx$$

$$\sum_{i=1}^{N} y_i - Nx$$

dr= -8(1-7) dt +5 (8t Y high



$$\phi_{1} = \varepsilon_{1}$$

$$\phi_{2} = \chi \varepsilon_{1} + \beta \varepsilon_{2}$$

$$\mathbb{E}(\phi, \phi_{1}) = e$$

$$\mathbb{E}(\varepsilon_{1}(\chi \varepsilon_{1} + \beta \varepsilon_{2})) = e$$

$$\chi \mathbb{E}(\varepsilon_{1}^{2}) + \beta \mathbb{E}(\varepsilon_{1}^{2} \varepsilon_{2}) = e$$

$$\chi = e$$

$$E(\phi_{i}^{1})=1$$

$$E((\lambda \xi_{i}+\beta \xi_{i})^{2})=1$$

$$\lambda^{2}E(\xi_{i}^{1})+2\lambda\beta E(\xi_{i}^{2})+\beta E(\xi_{i}^{1})=1$$

$$e^{2}+\beta^{2}=1$$

$$\phi_{i}=\xi_{i}$$

$$\phi_{i}=\xi_{i}$$

$$\phi_{i}=\xi_{i}$$

$$\phi_{i}=\xi_{i}$$

 $+ \frac{5}{7} \frac{92}{55} + \frac{1}{7} \frac{91}{55} + \frac{1}{7} \frac{91}{55} + \frac{1}{95} \frac{91}{71} + \frac{1}{95} \frac{91}{71} + \frac{1}{91} \frac{91}{71} + \frac{1}{91$ 

$$\frac{2^{1}}{9^{1}} \frac{3^{2}}{9^{1}} \frac{3^{2}}{9^{2}} \frac{3^{2}}{9^{1}} \frac{3^{2}}{9^{1}} \frac{3^{2}}{9^{2}} \frac{3^{2}}{9^$$

$$\mathbb{E}(x) = \begin{cases} 0 & \text{otherwin} \\ x & \text{otherwin} \end{cases}$$

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