(LV)y J J (LV)y :. Fr(y)= [-e-ya y >. 0 (Y的概率高度对数 Prcy)= dFrcy)= so y < 0 y > 0 x y = e-xya y > 0 ZI=XY # (X) = 5-00 Px(X) P(Z1-X) dx 当至10 屋(区)= 「ア(X)P(区1-X)dX= 入12e-12e(以上))XdX 岩震-2 関屋(区)= 入12e-12e1 $4\lambda 1 + \lambda 2 \qquad P_{8}(8) = \begin{cases} 0 & 21 < 0 \\ \frac{\lambda_1 \lambda_2}{\lambda_1 - \lambda_1} (e^{-\lambda_1 8 i} - e^{-\lambda_2 8 i}) & 21 > 0 \end{cases}$

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\Theta F_{X}(X) = \begin{cases} 1 - e^{-\lambda_{1}X} X > 0 \\ 0 X \leq 0 \end{cases}

F_{Y}(y) = \begin{cases} 1 - e^{-\lambda_{2}y} & y > 0 \\ 0 & y \leq 0 \end{cases}

        设型=max(X.Y)、由于X5Y独立F&(型)=Fx(图))FT(型)
                 $\frac{1}{2} \times 0 \quad \frac{1}{2} \left(\frac{1}{2}\right) = 0 \quad \frac{1}{2} \left(\frac{1}{2}\right) = 1 - e^{-\lambda \frac{1}{2}} + e^{-\lambda \frac{1}{2}\right) \quad \frac{1}{2} \quad \qua
       of PB(B1) = dfB108) = >1e + >2e + >2e - 1+>2e - (N+A) &c
                                                                                                                                                                                                                                                                                                      rm l
                            中汶计
      3次及=min(X.T)由于X5YX中之 B(区)=1-C1-FX(区))(1-FX(区))
                                                                                                                                                                                                                                                                                                       校wi
                                                                                                                                                                                                                                                                                                          ation
                当200万(2)=1-1=0 及(2)=0
                                                                                                                                                                                                                                                                                                          提价
                                                                                                                                                                                                                                                                                                           are
                                                                                                                                                                                                                                                                                                         野
                       世间
    6. in FCY)=X. 则 F(y)= [x 1×1 < a 可函出版图像.
                                                         -a -a -a
  tu Oy=[xeR: Fcx)=y] 当y>a計 Oy=[-y,+00) 当-a<y<a ひy=(-a,y) U Ea,+00)
                                               Dy = \begin{cases} L - y, +\infty \\ C - a, y \rangle U \mathcal{L} a, +\infty \end{cases} |y| = 0
\text{RIPF-rcy} = P(X \leq y) = P(X \leq y) = \int_{y} \varphi(x) dx = \begin{cases} \int_{-y}^{+\infty} \varphi(x) dx & |y| \geqslant a \\ \int_{-a}^{y} \varphi(x) dx + \int_{a}^{+\infty} \varphi(x) dx & |y| < a \end{cases}
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\frac{dFY(y)}{dy} = \begin{cases}
\frac{d\int_{-\infty}^{+\infty} \varphi(y) dx}{dy} & |y| > \alpha \\
\frac{dC\int_{-\infty}^{+\infty} \varphi(x) dx + \int_{-\infty}^{+\infty} \varphi(x) dx}{dy} & |y| < \alpha
\end{cases}

\frac{dFY(y)}{dy} = \begin{cases}
-C - \varphi(-y) & |y| > \alpha \\
\varphi(y) & |y| < \alpha
\end{cases}

                                                 由于标准正常分布的根据率密度函数 (VX) 为偶函数
                                                                             |y| > 0 - (-\varphi(-y)) = \varphi(-y) - \varphi(y)
|x| = \frac{1}{2y} = \varphi(y) = \sqrt{2\pi} e^{-\frac{y^2}{2}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PIRV
                   8. 0:2Y = (x-\frac{1}{2})^2  0y = \{x \in R: (x-\frac{1}{2})^2 \leq y\}

0:2Y = (x-\frac{1}{2})^2  0:3y = \{y < 0\}

0:3y = \{y < 0\}
                              \begin{array}{ll} (\overline{y}) = \sum_{i=1}^{n} (\overline{y}) & \overline{y} = \left\{ x \in \mathbb{R} : \sin(\overline{y}x) \leq \overline{z} \right\} \\ (\overline{y}) = \sum_{i=1}^{n} (\overline{y}x) = \sum_{i=1}^{n} (\overline{y}x) \leq \overline{z} \\ (\overline{y}) = \sum_{i=1}^{n} (\overline{y}x) = \sum_{i=1}^{n} (\overline{y}x) = \overline{z} \end{array}
        ||F_{Z}(Z)| = P(Z \in Z) = P(X \in UZ) = \int_{UZ} ||F_{Z}(Z)| dZ = \int_{UZ} ||F_{Z}(
\frac{1}{2} | \frac{1}
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 $|0.iD | = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = y\} \text{ of } Dy = \{x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: [x] = x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: x \in R: x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: x \in R: x \in R: x \in R: x < [y+i]\} \}$ $|p_{x}(x)| = \{x \in R: x \in$