P9. 一维而不到面的图别型和过程在各个的到的宛对培恤 从充分大时,几年分中心的海路近级横连随机过程特性

一节
$$r. \nu. no分析的 F(x) = P\{x \leq x\}$$

= 項 $r. \nu.$ $F(xy) = P\{x \leq x, \gamma \leq y\}$

D边机过程每个固定七都是一个 Y.D.

X(ti)是r.V. ···· X(ta)是r.Y.

$$F_{\mathbf{x}}(x_1,x_2...x_n;t_1,t_2,...t_n)$$

= $P\left\{\chi(t_1) \leq \chi_1, \chi(t_2) \leq \chi_2, ... \chi(t_n) \leq \chi_n\right\}$

例,随机过程 $\begin{cases} X(t,e), -\infty < t < \infty \end{cases}$ 有两个概本的数 $X(t_1,e_1) = 2(x_1t_2), \quad X(t_2,e_3) = -2(x_1t_3)$ $P(e_1) = \frac{1}{3}$ $P(e_2) = \frac{1}{3}$

$$\frac{X(0)}{P} = \frac{2607}{3} = \frac{2$$

$$F(\chi,0) = \begin{cases} 0 & -\alpha < \chi < -2 \\ \frac{1}{3} & -2 \le \chi < 2 \\ 1 & \chi \geqslant 2 \end{cases}$$

(3)
$$F(x; \frac{\pi}{4}) = F(x; \frac{\pi}{2})$$
(3) $F(x; \frac{\pi}{4}) = F(x; \frac{\pi}{2})$
(3) $F(x, x_3; 0, \frac{\pi}{8})$
(3) 数多特征
(4) $f(x; \frac{\pi}{4}) = f(x; \frac{\pi}$

 $=\frac{2}{6}$ Coti Coti