R(2) = F (2.4)

自卫亚辛里数

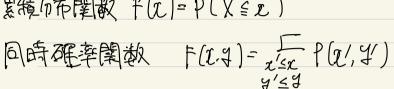
周亚分布

条件付き配率密度関数 f(x, y) = f(x, y)

 $f_{\kappa}(x) = \int_{1-x^2}^{1-x^2} dy = \frac{2}{\pi} \int_{1-x^2}^{1-x^2}$

frix (y(x) = 2/1-x2





累積仍布閏数 平(九)=P(X至九)

性質を知(たい! 邓季厚数 不够母関数 確等密度関数.... 使E-X2h母関数 $G(S) = E[S^{x}] = \frac{1}{r} S^{x} p(x)$ m (0)= F[e0x] m'(0)= E[x] G'(1) = E[x] $= G(e^{\theta})$ M"(0)= E[x2] Q" (1) = E[x(x-1)] 原点まかりのモーXント $\phi(t) = m(it)$ V[x] = \$[x] - \$[x]2 時性関数 = G"(1) + G'(4) - (G'(1))2 ·) 0 確率合作 (対1 共成) 0 確立反变数 n 和 か 母関数 n 穩 c 対応

(1)
$$G(S) = \int_{x}^{x} S^{x} p(x) = S^{1} \cdot p + S^{0} \cdot (1-p) = 1 + p(S-1)$$

(2)
$$f_{X}(x) = \int_{0}^{1} (x+y) dy = \left[xy + \frac{1}{2}y^{2} \right]_{0}^{1} = x + \frac{1}{2}$$

(3)
$$f_{\text{res}}(4|x) = \frac{f(x-4)}{f(x)} = \frac{x+4}{x+\frac{1}{2}}$$

$$G(s) = \sum_{x} S^{x} P(x) = S P(P) + S^{2} P(P)^{2} + S^{2} P(P)^{3} + \cdots$$

$$= P \cdot \frac{(S(P) - 1)}{S(P) - 1} = \frac{P}{P}$$

$$E[X] = G'(V) = G''(V) = F[X^{2}] - F[X]$$

$$V[X] = E[X^{2}] - E[X^{2}] = G''(S) + G'(S) - G(S)^{2}$$

$$G'(S) = \frac{P \cdot -1 \cdot (P - V)}{(P - S + S P)^{2}} = \frac{P}{P} G''(S) = \frac{2(P)^{2}}{(P - S + S P)^{2}}$$

$$E[X] = \frac{P}{P} V[X] = \frac{2(P)^{2}}{P^{2}} + \frac{P(P)}{P^{2}} (PP)^{2}$$

$$= \frac{P}{P^{2}} + \frac{P}{P^{2}} + \frac{P}{P^{2}} (PP)^{2}$$

$$= \frac{P}{P^{2}} + \frac{P}{P^{2}} + \frac{P}{P^{2}} (PP)^{2}$$

$$m(0) = G(e^{0}) = \int e^{0x} -f(x) dx = 2 \int_{0}^{\infty} e^{0-2\pi/x} dx$$

$$= \frac{1}{\sqrt{1 - x}} \left[\frac{1}{\sqrt{1 - x}} \frac{1}{\sqrt{1 - x}}$$

 $M'(0) = \frac{1}{(3-0)^2}$ $M'(0) = \frac{1}{3}$

 $m''(0) = \frac{+3.2(7-0)}{(7-0)4} m''(0) = \frac{27}{73} = \frac{2}{72}$

V[x] - E[x] - E[x72

 $= W_{11}(0) - W_{1}(0)_{2}$

