6.6.2

6.63.

6.6.9

(2)
$$\frac{4}{3}6^{2} = 6^{2} = 6^{2} = 1$$
, $M_{1} = \frac{1}{2} = \frac{1}{3} =$

(4) 6, 62 600.95 5/36/75 1 - 5x - (m-1, n2-21) / 5y Fx (n, 1, n2-1)] = [0.3359, 4.09737 = (/- 2 /2 ~ Ga(y)) $\frac{1}{2} \sum_{i=1}^{n} \chi_{i} \sim \chi^{2}(2n)$ $\frac{1}{2} \sum_{i=1}^{n} \chi_{i} \sim \chi^{2}(2n) \leq \chi^{2} \sum_{i=1}^{n} \chi_{i} \leq \chi^{2} \sum_{i=1}^{n} (2n)) = 1-d$: 人的一人置信证为[Xx(2n) X,-z(2n)] 19, (1) iEEA,: Ix 1= x, -0, 127 y2~ Exp(1) 9.1) Justy 1 = ne ny , y , , 70 50 A Z (2) Plac = Xu, -01 = d) = Sane-ny dy =1-d 是 kd-c 旅行, 別(=0, d=-lmb) : 065 1-0 3/3 [Tu, + had, Xu,]

(7.1.1)

(11),
$$\frac{1}{\sqrt{2}}$$
 $d = p(|x|, 2.6|H_0) = p(|\overline{x}|^2) = 2\frac{2.6-2}{\sqrt{11/20}}) = 0.0037$

(8: $p(|x|, 2.6|H_0) = p(|\overline{x}|^2) = 2\frac{2.6-3}{\sqrt{11/20}}) = 0.0367$

(2) $p = p(|\overline{x}|^2) = \frac{2.6-3}{\sqrt{11/20}} = 0.0367$

(3) $d = p(|\overline{x}|^2) = \frac{2.6-3}{\sqrt{11/20}} = \frac{2.001}{\sqrt{11/20}}$
 $d = p(|\overline{x}|^2) = \frac{2.6-2}{\sqrt{11/20}} = \frac{1}{1-1} = \frac{1}$

$$M=6.5$$
 ref, $\beta = P(|x-6| < 0.98 | M = 6.5)$
= $P(-2.96 < \frac{x-6.5}{0.5} < 0.96) = 0.8)$

(17.1.4) form (x) = nx - [0< x<0] 2 $L(0) d = P(X_{(n)} \le 2.5/H_0) = (\frac{2.5}{9})^n$ $d = sip d(0) = d(3) = (5)^{n}$ 若 d ≤ 10.05 /13: NZ/6-43, BP NZ/7 7.2-3, Ho=15 Hi=15 \$ \$662 11x x tutz (10/2 U1-4). TO TU = X-Mo = -4.901 4.907/1-2 一下后是让为 多数品的平均度至仍为 159 1.2.5 拒绝城为 {u < u <) Ux = -1.65 : B= P(v7+.65 | v < 13) = 1- p(-1.65+ 15-11) < 0.05 $sup B = 1 - \phi(W-1.65 + \frac{15-13}{5.560})$ \$ 50.05. n?7 7.2-13. Ho: M=M2 H: M.FM 每年后绝域为 {1tlzt, ~(m +n-4)} 雨 t= 第一月 = -0、2056 < tp1975(15) : 可以看作一样