

```
21.(1) 3= 105 =0.42 |-2=0.00 Za=Zog=1.645
 P上90%信赖区间的
 0.42 ± Zas Jayras = 0.42 ± 1.645 x 2,53
                   -042±005
 P.P (0.57, 0.57)
(2) e=0.03 (-)=0.95 Z==Z005=1.96

n=(1.96)2(03)(07)=59637
 h= (1.96 )2(062)(058)=1039.79
(. P205
 n=(1.96)2(0.5)(3.3)=1067.11
 n=10/8.
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 $\frac{Z_{\frac{3}{2}} = Z_{\frac{3}{2}005}}{1 - \left(\frac{Z_{\frac{3}{2}}B}{2}\right)^{2} - \left(\frac{I_{\frac{3}{2}}B_{\frac{3}{2}}}{205}\right)^{2} = I_{\frac{3}{2}}B_{\frac{3}{2}}Z_{\frac{3}{2}}$ (2) 6=02 1-2=0.90 d=01 ==0.05 Z==Z0.05=1.645 n= (206)2= (1.645 x 02)2=120,27 N=121 (3) 6=0.05 1-2=099 2=002 ==0.01 Z==Z00|=2.507 6=002 N= (236)2= (2.327/005)2=38 n=34. 6. N=120, X=1250 S=140 1-2=0.95. == 0.025 Z==Z0.00 =196 1/1 95% 信赖区间. ス± Z変 5 = 130 ± Zaon 500 = 12) 01 2).07 BP(1224.95, 1275.05)

10. (1) x-y=85-78=7. (2) 1-2=ag 至=005 Zos=1.645 M1-M2 上90% 信頼区向为. (x-9) + Z= 16+6= (85-28)+1.645 154+ 146 = 7±1.645×2.39 =7±476 P. P(2.74, 11.26).