11 95% = 0.95 1- 2= 0.95 \$=0.05 == 0.035 $S_1 = \frac{\sum (\chi_1 - \overline{\chi})}{n-1} \quad \overline{\chi}_1 = \frac{60}{9} = 1.61$ $= \sqrt{\sum \chi_{x}^{2} - \eta_{x}^{2}} = \sqrt{1217 - 9 \times 7.67^{2}} = \sqrt{85.94} = 9.27 \times 10^{-1}$ Xi2 169 >5 576 36 >>5 >5 16 81 64 7=61=6.98 $5_{2} = \boxed{3993 - 9 \times 6.98^{2}} = \boxed{3993 - 913.92} = \boxed{449.41} = 21.15 \, \text{ }$ Yx 361 1 >56 961 676 400 1024 >89 >5 $V = \frac{\left(9.27^{2} + 24.15^{2}\right)^{2}}{\left(9.27^{2}\right)^{2}} + \frac{\left(9.55 + 49.70\right)^{2}}{8} = \frac{3510.56}{370.16}$ $\left(\frac{9.27^{2}}{9}\right)^{2} + \left(\frac{21.15^{2}}{9}\right)^{2} = \frac{\left(9.55\right)^{2} + \left(49.70\right)^{2}}{8} = \frac{370.16}{8}$ = 10.9= 10.97 (7.67-6.78) + t0.035 (11) /59.25 = 0.89 = t0.0>5(11) 7.7 = 0.89± 2.201×(7.7) 20.89216.95 (-16.06, 17.94)# (2) 本票準差 90% 信頼 区間 リニカー1 1ー は = 0.9 2 = 0.1 学 = 0.05 $(\sqrt{\frac{(n-1)S^2}{\chi_{\frac{3}{2}}^2(v)}}, \sqrt{\frac{(n-1)S^2}{\chi_{1-\frac{3}{2}}^2(v)}})$ = (687.46 | 687.46) = (6.66, 15.87) 3) 变要较性的 (5元 x Fg(V1.V2), 5元 x F1-3 (V1,V2)) = (n-1, n2-1) Fo.05 (8.8) (3) 变要软比的信賴区間 $\left(\frac{9.27^{2}}{21.15^{2}} \times \frac{9.27^{2}}{F_{0.05}} \times \left(8.8\right) \times \frac{9.27^{2}}{21.15^{2}} \times \frac{1}{F_{0.05}(8.8)} = \left(\frac{85.93}{441.32} \times \frac{1}{3.44} \times \frac{85.93}{447.32} \times \frac{1}{0.29}\right)$ (0.06, 0.66)