$$S = \frac{1}{\Sigma(X_1 - \overline{Y})^2} = \frac{1}{1284 - 6 \times 14.33^2} = \frac{1}{10.38} = 3.22 \text{ H}$$

$$1 - \alpha = 0.8 \qquad , \frac{\alpha}{2} = 0.05 \quad , \kappa - 1 = 5$$

$$X_{\frac{\alpha}{2}}(m - 1) = \chi^2_{0.05}(5) = 11.07$$

$$X_{1-\frac{\alpha}{2}}(m - 1) = \chi^2_{0.05}(5) = 1.15$$

$$\left( \frac{\sqrt{(N-1)}\sqrt{2}}{\sqrt{2}}, \sqrt{\frac{(N-1)\sqrt{2}}{\sqrt{2}}} \right) = \left( \frac{\sqrt{2}(N-1)}{\sqrt{2}}, \sqrt{\frac{2}{2}} \right) = \left$$

$$1-d=0.9, \frac{K}{2}=0.0K, h-1=8$$

$$v_{0}=\frac{\left(\frac{9.17}{4}, \frac{21.5^{2}}{9}\right)^{2}}{\left(\frac{9.77}{4}, \frac{21.5^{2}}{9}\right)^{2}}=10.96\approx 11$$

$$v_3 = \frac{\frac{q_3 q^3}{q_3^2 + \frac{21.5^3}{q}^2}}{\frac{\frac{q_3 q^3}{q} + \frac{21.5^3}{q}^2}{\frac{21.5}{q}^2}} = 10.96 \approx 11$$

$$X = (h-1) = \chi^{2}_{0.05}(8) = 15.51 \qquad (x-y) = t_{5}(v) \int_{h}^{2\pi} t_{n}^{2\pi} = (7.67-6.78) + t_{0.025}(11) \left[\frac{3.77}{4} + \frac{71.15}{4}\right]$$

=0.89+16.95

$$\left( \int \frac{8 \times 9.27^{2}}{15.51}, \int \frac{8 \times 9.27^{2}}{2.75} \right) = \left( \int \frac{187.46}{15.51}, \int \frac{667.46}{2.75} \right) = (6.66, 17.84) #$$

F= (n,-1, n,-1) = fo.or (8,8) = 3,44

$$F_{1-\frac{2}{5}(n,-1,n_{2}-1)} = F_{0.95}(8.8) = \frac{1}{F_{0.05}(8.8)} = 0.29$$

$$\left(\frac{S_{2}^{2}}{S_{2}^{2}} \times \frac{1}{F_{\frac{3}{5}(n,-1,n_{2}-1)}}, \frac{S_{2}^{2}}{S_{2}^{2}} \times \frac{1}{F_{\frac{3}{5}(n,-1,n_{2}-1)}}\right) = \left(\frac{9.27^{2}}{21.15^{2}} \times \frac{1}{3.44}, \frac{9.27^{2}}{21.15^{2}} \times \frac{1}{0.29}\right)$$

$$= (0.06, 0.66) + \frac{1}{5}$$