$$\bar{X} = 0.732, \quad \bar{Y} = 0.21$$

$$5x^{2} = \frac{Zx^{2}}{n} - \bar{X}^{2} = 0.014 - [0.232]^{2} = 0.00013$$

$$5y^{2} = \frac{Zy^{2}}{n} - \bar{Y}^{2} = 0.0441 - [0.21]^{2} = 0.00008$$

$$t = \frac{\bar{X} - \bar{Y}}{5p} = \frac{\bar{X} - \bar{Y}}{\frac{5x^{2}}{n} + \frac{5y^{2}}{n}} = \frac{0.232 - 0.21}{\frac{5(300)^{2}}{8} + \frac{0.00078}{10}} \approx 4.33$$

P= (+>4.53) = 0.000842 cc 0.05

... Reject Ho => they are written by different author

$$\begin{array}{ll}
\boxed{2} & \chi_{1} - \chi_{n} \sim N(M.6^{\circ}) \\
\hline
\chi = \frac{Z\chi_{1}}{n} = 156.7 & b\chi^{2} = \frac{Z[\chi_{1} - \bar{\chi}]^{2}}{n-1} = 512.7^{\circ} \\
b\chi = \boxed{512.7} \approx 22.6 \\
\zeta d = \frac{b\chi}{\ln} = \frac{22.6}{120} \approx 5.06 \\
\boxed{4} & \frac{b\chi}{\ln} = \frac{22.6}{120} \approx 5.06
\end{array}$$

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$$\boxed{4} & \frac{b\chi}{\ln} = \frac{22.6}{120} \approx 1.729 \text{ (with off = n-1=19)}$$

$$V = \frac{\left(m + n^{-2}\right)^{\frac{1}{2}} \left(\overline{x_{1}} - \overline{x_{2}}\right)}{\left(\frac{1}{m} + \frac{1}{n}\right)^{\frac{1}{2}} \left(S_{x_{1}}^{2} + S_{x_{2}}^{2}\right)^{\frac{1}{2}}}$$

«. Mi is not greater or equal to Mz

m=8, n=6