

Week 10.

At 10% > 9003% 企端 = 甲 3 次 查 信

例 7.11

$$H_0 = \frac{\sigma_1^2}{\sigma_2^2} = 1, H_1 = \frac{\sigma_1^2}{\sigma_2^2} \neq 1$$

$$(2) \alpha = 0.1$$

$$(3) \text{ 接受域 } C = \left\{ F < F_{1-\frac{\alpha}{2}}(n_1-1, n_2-1) \text{ or } F > F_{\frac{\alpha}{2}}(n_1-1, n_2-1) \right\}$$

$$= \left\{ F < F_{0.95}(9, 9) \text{ or } F > F_{0.05}(9, 9) \right\}$$

$$= \left\{ F < 0.304 \text{ or } F > 3.68 \right\}$$

$$(4) F = \frac{S_1^2}{S_2^2} = \frac{0.653^2}{0.627^2} = 1.085$$

$\therefore$  並無太大差異

