

例 7.11

$$(1) H_0: \frac{\sigma_1^2}{\sigma_2^2} = 1$$

$$H_1: \frac{\sigma_1^2}{\sigma_2^2} \neq 1$$

$$(2) \alpha = 0.1$$

$$(3) C = \{ F < F_{0.95}(9, 7) \text{ or } F > F_{0.05}(9, 7) \}$$

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

$$(4) F = \frac{s_1^2}{s_2^2} = \frac{0.653^2}{0.629^2} = 1.085$$

不棄 H_0 #