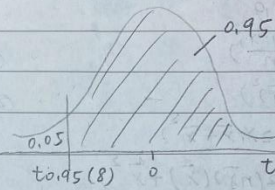P.228

① 請利用 t 分配、χ^2 分配與 F 分配表，回答以下問題：

(1) $t_{0.025}(10) = 2.228$

(2) $t_{0.95}(8) = -t_{0.05}(8)$
$\qquad = -1.860$

(3) $\chi^2_{0.05}(12) = 21.03$

(4) $\chi^2_{\alpha}(15) = 7.26$，求 $\alpha = 0.95$

(5) $\chi^2_{0.95}(10) = 3.94$

(6) $F_{0.05}(5,8) = 3.69$

(7) $F_{0.95}(6,7) = 0.26$

$\quad F_{0.95}(6,7)$
$= \dfrac{1}{F_{0.05}(6,7)} = \dfrac{1}{3.87} = 0.26$

(8) $F_{\alpha}(6,6) = 4.28$，求 $\alpha = 0.05$