Q3

1 Point

Suppose the 1-lpha/2 quantile of an $F_{p,q}$ distribution is 5. What is the lpha/2 quantile of an $F_{q,p}$ distribution? Show details.

$$= 1 - P(7qp \leq 1/fa(p,q))$$

$$= 1 - 7qp (1/fa(p,q))$$

$$= 1 - 4 = 7qp (1/fa(p,q))$$

$$= 1/fa(p,q)$$

$$= 1/fa(p,q)$$