

科目：數理統計(Statistics)(含統計推論)

- 參考書：
1. Casella, G. & Berger, R. L. : Statistical Inference, Duxbury Press, Belmont California, 1990.
 2. Bickel, P. & Doksum, K. A. : Mathematical Statistics, Holden-Day, San Francisco, 1977.
 3. Lehmann, E. L. : Testing Hypothesis, John Wiley & Sons, New York, 1986, 2nd ed.

Topics :

1. Distribution theory.
2. Order statistics.
3. Estimation theory : Estimation methods & corresponding properties.
4. Hypothesis testing theory.
5. Bayes estimation, decision theory.
6. Asymptotic theory in estimation.