# 鄒慶士(Ching-Shih Tsou)修畢之研究所部分課程列表

| Textbook | Probability and statistics courses | | | | | OR related courses | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Applied Probability Models | Math. Statistics | Regression Analysis | Design of Experiments | Quality Engineering | Linear Prog. | Dynamic Prog. | Integer Prog. | Queueing Theory | Simulation | Inventory Theory | Stochastic Process | Advanced Calculus | Markovian Decision Process | Nonlinear Prog. | Fuzzy Set |
| 1st Yr. in Master Program | | | | (F)Montgomery (1984) | | (F)Bazaraa & Jarvis (1977) | (F)Denardo (1982) | | (F)Gross & Harris (1985) | (S)Pritsker (1986) | (S)Naddor (1966) & Love (1979) | | | | | |
| 1st Yr. in Ph.D. Program | (F)Ross (1985) | (F)Hogg & Craig (1978) | (S)Neter et al. (1989) | (S)Montgomery (1984) | | (F)Bazaraa et al. (1990) | | | | | | (S)Ross (1983) | | | | |
| 2nd Yr. in Ph.D. Program | | | | | | | | (F)Salkin (1975) | (S)Kleinrock (1975) | | (F)Silver & Peterson (1985) (S)Tersine (1992) | | | | | |
| 3rd Yr. in Ph.D. Program | | | | | Phadke (1989) | | | | | | | | (S)Marsden & Hoffman (1993) | | | (F)Zimmermann (1991) |
| 4th Yr. in Ph.D. Program | | | | | | | | | | | | | | (F)Heyman & Sobel (1984) | (S)Bazaraa et al. (1993) | |

[1] Each course earns three credits.

[2] "F" and "S" represent the first and second semester, respectively

[3] Bazaraa, M.S. and Jarvis, J.J. (1977), *Linear Programming and Network Flows*, John Wiley & Sons(興國翻印).

Bazaraa, M.S., Jarvis, J.J. and Sherali, H.D. (1990), *Linear Programming and Network Flows*, 2nd Ed., John Wiley & Sons.

Bazaraa, M.S., Sherali, H.D. and Shetty, C.M. (1993), *Nonlinear Programming: Theory and Algorithms*, 2nd Ed., John Wiley & Sons.

Denardo, E.V. (1982), *Dynamic Programming: Models and Applications*, Prentice-Hall(虹橋翻印).

Gross, D. and Harris, C.M. (1985), *Fundamentals of Queueing Theory*, 2nd Ed., John Wiley & Sons.

Heyman, D.P. and Sobel, M.J. (1984), *Stochastic Models in Operations Research, Volume II: Stochastic Optimization*, McGraw-Hill.

Hogg, R.V. and Craig, A.T. (1978), *Introduction to Mathematical Statistics*, Prentice-Hall.

Kleinrock, L. (1975), *Queueing Systems, Volume I: Theory*, John Wiley & Sons.

Love, S. (1979), *Inventory Control*, McGraw-Hill.

Marsden, J.E. and Hoffman, M.J. (1993), *Elementary Classical Analysis*, 2nd Ed., W.H. Freeman and Company.

Montgomery, D.C. (1984), *Design and Analysis of Experiments*, 2nd Ed., John Wiley & Sons.

Naddor, E. (1966), *Inventory Systems*, John Wiley & Sons(雙葉翻印)

Neter, J., Wasserman, W. and Kutner, M.H. (1989), *Applied Linear Regression Models*, 2nd Ed., Irwin(華泰翻印).

Phadke, M.S. (1989), *Quality Engineering using Robust Design*, Prentice-Hall.

Pritsker, A.A.B. (1986), *Introduction to Simulation and SLAM II*, 3rd Ed., John Wiley & Sons(淡江翻印).

Ross, S.M. (1983), *Stochastic Processes*, John Wiley & Sons(開發翻印).

Ross, S.M. (1985), *Introduction to Probability Models*, Academic Press(歐亞翻印).

Salkin, H.M. (1975), *Integer Programming*, Addison-Wesley.

Silver, E.A. and Peterson, R. (1985), *Decision Systems for Inventory Management and Production Planning*, 2nd Ed., John Wiley & Sons.

Tersine, R.J. (1992), *Principles of Inventory and Materials Management*, 3th Ed., Prentice-Hall.

Zimmermann, H.-J. (1991), *Fuzzy Set Theory – and Its Applications*, 2nd Ed., Kluwer Academic(茂昌翻印).