

# 機電學院機電科技博士班自動化組資格考試參考書目

Institute of Mechanical and Electrical Engineering

Reference Books and Scope for Qualify (for Automation Engineering Division )

100.3.15 所務會議修訂通過

102.1.25 所務會議修訂通過

考試科目 Subject	參考書目 Reference Books	章節 Scope
高等工程數學 Advanced Engineering Mathematics	E. Kreyszig, Advanced Engineering Mathematics, 9th Ed., John Wiley & Sons, 2005	chap.6-11
高等線性系統 Advanced linear system	C.T. Chen, Linear Systems Theory and Design, Oxford University Press, 1999	chap.3,4,5,6,8
數位影像處理 Digital image processing	R. C. Gonzalez and R. E. Woods, Digital Image Processing," 3rd edition, Pearson Prentice Hall, 2008	chap.2,3,4,5,6,9,10