

工程與系統科學系碩士班考試用書

工科甲

材料熱力	David R. Gaskell, "Introduction to Thermodynamics of Materials," Chapters 1-12, 4th Ed, Taylor&Francis, 2003
物理冶金	Robert E. Reed Hill, "Physical Metallurgy Principles," 3rd ed.

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工程數學	Erwin Kreyszig, "Advanced Engineering Mathematics," 9th edition, 2006
	Michael D. Greenberg, "Advanced Engineering Mathematics," 2nd ed., Prentice Hall Inc, New Jersey, 1998
熱力學	Michael J. Moran, Howard N. Shapiro, "Fundamentals of Engineering Thermodynamics," 5th Edition, John Wiley & Sons, In
流體力學	Munson, Young, Okiishi, "Fundamentals of Fluid Mechanics," Chapters 1-9, John Wiley & Sons, 2006

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工程數學	Erwin Kreyszig, "Advanced Engineering Mathematics," 9th edition, 2006
	Michael D. Greenberg, "Advanced Engineering Mathematics," 2nd ed., Prentice Hall Inc, New Jersey, 1998
近代物理	Serway, Moses and Moyer, "Modern Physics," 3rd ed., 2005
電磁學	D. J. Griffith, "Introduction to Electrodynamics," 3rd ed, Prentice-Hall Inc, 1999

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工數	Erwin Kreyszig, "Advanced Engineering Mathematics," 9th edition, 2006
	Michael D. Greenberg, "Advanced Engineering Mathematics," 2nd ed., Prentice Hall Inc, New Jersey, 1998
電子學	Sedra/Smith, "Microelectronic Circuits," 5th Edition.
選-電磁學	D. K. Cheng, "Field and Wave Electromagnetics," 2nd Ed., Addison-Wesley, 1989
選-控制系統	M. Gopal, "Control Systems Principal and Design," 2nd edition, 2002
	Gene F. Franklin, J. David Powell, "Feedback Control of Dynamic Systems," 4th edition

