

中正大學通訊系碩士班

考試科目及參考書目

考 試 科 目	參 考 書 目
數 學	<p>* 線性代數</p> <p>01. "Elementary linear algebra with supplemental applications" Howard Anton, Chris Rorres, 11th Ed., Wiley, 2015.</p> <p>* 機率</p> <p>01. Alberto Leon-Garcia, Probability, Statistics, and Random Processes for Electrical Engineering, 3rd ed., Pearson, International Edition, 2009.</p>
通訊理論	<p>* 通訊理論</p> <p>01. Proakis and Salehi, Communicatin Systems Engineering (Second Edition), Prentice Hall, 2002.</p> <p>02. Haykin, Communication Systems, John Wiley & Sons., 5th Ed., 2010.</p>
計算機組織 與資料結構	<p>* 計算機組織</p> <p>01. Computer Organization and Design: The hardware / Software Interface, 3/e by David A. Patterson, John L. Hennessy. ISBN: 9812592172. Publisher: Morgan Kaufmann.</p> <p>* 資料結構</p> <p>01. Ellis Horowitz, Sartaj Sahni, Susan Anderson-Freed, Fundamentals of Data Structures in C, 2nd ed., Silicon Press, 2007.</p> <p>02. Richard F. Gilberg and Behrouz A. Forouzan, Data Structures: A Pseudocode Approach With C, 2nd ed., Course Technology, Thomson Learning Inc., 2005.</p>
電腦網路	<p>* 電腦網路</p> <p>01. Larry L. Peterson and Bruce S. Davie, Computer</p>

	<p>Networks: A Systems Approach, 2nd edition, Morgan Kaufmann, 2000.</p> <p>02. Andrew S. Tanenbaum, Computer Networks, 4th edition, Prentice Hall, 2002.</p> <p>03. J. Kurose, K. Ross, and B. Anand, "Computer Networking," 4th Edition, Addison Wesley. Move the original first one to the third.</p>
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