

《人工智能》课程参考文献

(以姓氏拼音为序)

1. Agrawal R, Imielinski T, and Swami A. Database mining: A performance perspective. IEEE Transaction on Knowledge and Data Engineering, 1993, (5): 914-925
2. Altrock C et al. Advanced Fuzzy Logic Control Techniques in Automotive Applications. Proc. of IEEE Int.Conference on Fuzzy Systems, 1992. 835-842
3. Baldi P and Brunak S. Bioinformatics: The Machine Learning Approach. Cambridge, MA: MIT Press, 1998
4. Berthold M and Hand D J. Intelligent Data Analysis: An Introduction. Springer-Verlag, 1999
5. Bezdek J C. On the Relationship between Neural Networks, Pattern Recognition and Intelligence. The Int J of Approximate Reasoning, 1992, 6(2): 85-107
6. Bezdek J C. What is Computational Intelligence? In Zurada J M et al (eds): Computational Intelligence Imitating Life, 1-12, New York: IEEE Press, 1994
7. Buchanan B G and Glick J. AI topics, A responsibility to celebrate AI responsibly. AI Magazine, Spring 2002: 87-94
8. Cai J F, Liu J Q, and Cai Z. System identification and robust criterion of discrete autonomous multi-agent system. In: Zhou J, Jian A K, Zhang T X et al, eds. Proc. SPIE Int Symposium on Multi-spectral Image Processing, Vol.3545: 122-125, Wuhan, China, 1998
9. Cai Z and Gong T. Multi-dimension education immune network. Proc. 6th World Multi-conference on Systemics, Cybernetics and Informatics, Orlando, FL, USA, July 2002.
10. Cai Z and Peng Z. Cooperative coevolutionary adaptive genetic algorithm in path planning of cooperative multi-mobile robot system. J. Intelligent and Robotic Systems: Theories and Applications, 2002, 33(1): 61-71
11. Cai Z and Tang S X. Controllability and robustness of T-fuzzy system under directional disturbance. Fuzzy Sets and Systems, 2000, 11(2): 279-285
12. Cai Z, Fu K S. Expert System Based Robot Planning. Control Theory and Applications, 1988, 5(2): 30-37
13. Cai Z. Disciplinary frame and general features for intelligence science. Proc. 1st China-Korea Joint Workshop on Intelligent Systems, Seoul, Korea, 2002: 1-4
14. Cai Z. Intelligent Control: Principles, Techniques and Applications. Singapore-New Jersey: World Scientific Publishers, Dec. 1997
15. Cai Zixing, Fu K S. Robot Planning Expert Systems. Proc. IEEE Int. Conf. on Robotics and Automation, Vol.3, San Francisco: IEEE Computer Society Press, 1986. 1973-1978
16. Cai Zixing, Jiang Zhiming. A Multirobotic Pathfinding Based on Expert System. Preprintns of IFAC/IFIP/IMACS Int. Symposium on Robot Control. Pergamon Press, 1991. 539-543
17. Cai Zixing, Tang Shaoxian. A Multirobotic Planning Based on Expert System. High Technology Letters, 1995, 1(1): 76-81
18. Cai Zixing, Wang Yaonang, Cai Jingfeng. A Real time expert Control System. AI in Engineering, 1996, 10(4): 317-322
19. Cai Zixing. A Knowledge Based Flexible Assembly Planner. IFIP Transaction, B-1. North Holland, 1992: 365-371
20. Cai Zixing. An Expert System for Robotic Transfer Planning. Computer Science and Technology, 1988, 3(2): 153-160
21. Cai Zixing. Robot Path Finding with Collision Avoidance. Computer Science and Technology, 1989, 4(3): 229-235
22. Cai Zixing. Some Research Works on Expert System in AI Course at Purdue. Proc. IEEE Int. Conf. on Robotics and Automation, Vol.3, San Francisco: IEEE Computer Society Press, 1986. 1980-1985
23. Cios K, Pedrycz W, and Swiniarski R. Data Mining Methods for Knowledge Discovery. Boston: Kluwer Academic Publishers, 1998
24. DeJone K A. Genetic Algorithms: A 25 Year Perspective, In: Computational Intelligence Imitating Life. Eds. J M Zurada et al, New York: IEEE Press, 1994
25. Dumitrescu D., Lazzerini B., Jain L. C., Dumitrescu A. Evolutionary Computation. CRC Press, 2000
26. Durkin J. Expert Systems: Design and Development. New York: Macmillan Publishing Company, 1994
27. Fayyad U M, Piatetsky-Shapiro G, and Smyth P, et al. editors. Advances in Knowledge Discovery and Data Mining. Cambridge, MA: AAAI/MIT Press, 1996
28. Fogel D B, Evolutionary Computation: Toward a New Philosophy of Machine Intelligence, Second Edition. IEEE Press, 2000

29. Fogel L J. *Intelligence Through Simulated Evolution: Forty Years of Evolutionary Programming*. A Wiley-Interscience Publication, 1999
30. Fu K S. *Learning Control Systems and Intelligent Control Systems: A Intersection of Artificial Intelligence and Automatic Control*. IEEE Trans, 1971, AC-16(1): 70-72
31. Gen M, Cheng R. *Genetic Algorithms and Engineering Optimization*. A Wiley-Interscience Publication, 2000
32. Genesereth M R, Nilsson N J. *Logic Foundation of Artificial Intelligence*. Los Altos, CA, USA: Morgan Kaufman, 1987
33. Gevarter W B. *Artificial Intelligence Applications: Expert Systems. Computer Vision and Natural Language Processing*, NOYES Publications, 1984
34. Goldberg D E. *Genetic Algorithms in Search, Optimization, and Machine Learning*. Readings, MA: Addison-Wesley, 1989
35. Goldberg D. *Genetic Algorithms in Search, Optimization, and Machine Learning*. Reading, MA: Addison-Wesley, 1989
36. Grossberg S. *Neural Networks and Neural Intelligence*. Cambridge, Mass: MIT Press, 1988
37. Hajek P, et al. *Uncertain Information Processing Expert Systems*. Boca Raton, Florida: CRC Press, 1992
38. Han J and Kamber M. *Data Mining: Concepts and Techniques*. Los Altos, CA, USA: Morgan Kaufmann Publishers, 2001
39. Hayes Roth F, Waterman D, Lenat D eds. *Building Expert Systems*. New York: Addison Wesley, 1983
40. Hearst M A and Hirsh H. AI's greatest trends and controversies. IEEE Intelligent System and Their Applications, January/February, 2000: 8-17
41. Hertz J, Krogh A, and Palmer R G. *Introduction to the Theory of Neural Computation*. Reading, MA: Addison-Wesley, 1991
42. Holland J H. *Adaptation in Neural and Artificial Systems*. Ann Arbor, Michigan: The University of Michigan Press, 1975; Cambridge, MA: MIT Press, 1992
43. Hopfield J J. *Artificial Neural Networks*. IEEE Circuit and Devices Magazine, 1988, 12
44. Kelly R V Jr. *Practical Knowledge Engineering*. Digital Press, 1991
45. Khanna T. *Foundation of Neural Networks*. New York: Addison Wesley. 1990
46. Kosko B. *Neural Networks and Fuzzy Systems. A Dynamical Systems Approach to Machine Intelligence*. New York:: Prentice Hall, 1992
47. Liu J and Cai Z. An incremental time-delay neural network for dynamical recurrent associative memory. High Technology Letters, 2002, 8(1): 72-75
48. Liu J and Cai Z. Learning of goal directed spatial knowledge from temporal experience for navigation. Proc. 6th Int. Conference on Intelligent Engineering Systems, 57-62, 2002
49. Maes P. *Designing Autonomous Agents*. Cambridge, MA: MIT Press, 1990
50. Marks R. *Intelligence: Computational versus Artificial*. IEEE Trans. Neural Networks, 1993, 4(5): 737-739
51. Michalewics Z. *Genetic Algorithms + Data Structure = Evolution Programs*. Berlin: Springer-Verlag, 1994
52. Minsky M. *Society of Mind*. New York: Simon & Schuster, 1986
53. Mitchell T M. *Machine Learning*. New York: McGraw-Itill, 1997
54. Morell R et al eds. *Minds, Brains, and Computers: Perspectives in Cognitive Science and Artificial Intelligence*. Ablex Publishing Corporation, 1992
55. Murthy S K. Automatic construction of decision trees from data: A multi-disciplinary survey. Data Mining and Knowledge Discovery, 1998, (2): 345-389
56. Negoita C V. *Expert Systems and Fuzzy Systems*. Benjammin/Cummings Publishing CompanyInc, 1985
57. Newell A, Shaw J C, Simon H A. *A Variety of Intelligent Learning in General Problem Solver. Self Organizing Systems*. New York: Pergamon Press, 1960
58. Nilsson N J. *Artificial Intelligence: A New Synthesis*. Morgan Kaufmann, 1998
59. O'shen T, Eisenstadt M. *Artificial Intelligence: Tools, Techniques, and Applications*. Harper & Row Publishers, 1984
60. Rich E. *Artificial Intelligence*. New York: McGraw Hill Book Company, 1983
61. Russell S, Norvig P. *Artificial Intelligence: A Modern Approach*. New Jersey: Prentice-Hall, 1995
62. Serra R, Zannrini G. *Complex Systems and Cognitive Processes*. New York: Springer Verlag, 1990
63. Shi Zhongzhi. *Principles of Machine Learning*. Beijing: International Academic Publishers, 1992
64. Srinivas M, Patnaik L M. *Genetic Algorithms: A Survey*. IEEE Computer, June 1994, 17-26
65. Tanimoto S L. *The Elements of AI*. IEEE Computer Society Press, 1987
66. Walker T C, Miller R K. *Expert Systems Handbook. An Assessment of Technology Applications*. The Fairmont Press Inc, 1990
67. Wiener N. *Cybernetics, or Control and Communication in the Animal and the Machine*. Cambridge, MA: MIT Press, 1948
68. Winston P H. *Artificial Intelligence (Second Edition)*. Addison Wesley Publishing Co, 1984

69. Winston P H. Artificial Intelligence (Third Edition). Addison Wesley, 1992
70. Wooldridge M J, Jennings N R. Intelligent Agent: theory and practice. Knowledge Engineering Review, 1995, 10(2): 115-152
71. Wooldridge M J. Agent-based software engineering. IEEE Trans. on Software Engineering, 1999, 144(1): 26-37
72. Xiao X M, Cai Z. Quantification of uncertainty and training of fuzzy logic systems. IEEE Int. Conference on Intelligent Processing Systems, 321-326, 1997
73. Zadeh L A. A new direction in AI: toward a computational theory of perceptions. AI Magazine, Spring 2001: 73-84
74. Zadeh L A. Fuzzy sets. Information and Control. 1965, 8: 338-353
75. Zadeh L A. Making Computers Think Like People. IEEE Spectrum, August, 1984
76. Zurada J M, Marks II R J, Robinson C J (eds). Computational Intelligence Imitating Life. New York: IEEE Press, 1994
77. 安奇·布勒(波兰)著,刘娟、李伟钢译.仿脑.长沙:湖南科技出版社, 2001
78. 蔡自兴,傅京孙.ROPS:一个新的机器人规划系统.模式识别与人工智能, 1987, 1(1): 77-85
79. 蔡自兴,贺汉根.智能科学技术若干研究问题的思考.自动化学报, 2002, (增刊): 142-150
80. 蔡自兴,姜志明.基于专家系统的机器人规划.电子学报, 1993, 21(5): 88-90
81. 蔡自兴,徐光祐.人工智能及其应用,第二版.北京:清华大学出版社, 1996
82. 蔡自兴.艾真体——分布式人工智能研究的新课题.计算机科学, 2002, 29(12): 123-126
83. 蔡自兴.机器人学.北京:清华大学出版社, 2000
84. 蔡自兴.机器人原理及其应用.长沙:中南工业大学出版社, 1988
85. 蔡自兴.人工智能研究的若干问题.第五届中国人工智能联合会议论文集, 527-528.西安交通大学出版社, 1998
86. 蔡自兴.人工智能研究发展展望.高技术通讯, 1995, 5(7): 59-61
87. 蔡自兴.一个机器人搬运规划专家系统.计算机学报, 1988, 11(4): 242-250
88. 蔡自兴.一种用于机器人高层规划的专家系统.高技术通讯, 1995, 5(1): 21-24
89. 蔡自兴.智能控制.北京:电子工业出版社, 1990
90. 蔡自兴.智能控制——基础与应用.北京:国防工业出版社, 1998
91. 蔡自兴.关于人工智能学派及其在理论、方法上的观点.高技术通讯, 1995, 5(5): 55—57
92. 蔡自兴.人工智能对人类的深远影响.高技术通讯, 1995, 5(6): 55—57
93. 陈慧萍,赵跃华,钱旭.人工智能教程.北京:电子工业出版社, 2001
94. 陈越,王亚弟.软件Agent及其应用.微机发展, 1997, (5): 1-3
95. 戴汝为,王珏,陈兆莹.关于可视知识的讨论.模式识别与人工智能. 1988. 1(2): 52-57
96. 戴汝为,王珏,田捷.智能系统的综合集成.杭州:浙江科技出版社, 1995
97. 戴汝为.人工智能.北京:化学工业出版社, 2002
98. 丁永生,邵世煌,任立红.DNA计算与软计算.北京:科学出版社, 2002
99. 董红斌,孙羽.多Agent系统的现状与进展.计算机应用研究, 2001, (1): 54-56
100. 傅京孙,蔡自兴,徐光祐.人工智慧及其应用.台北:台湾儒林图书出版公司, 1992
101. 傅京孙,蔡自兴,徐光祐.人工智能及其应用.北京:清华大学出版社, 1987
102. 高济,朱森良,何钦铭.人工智能基础.北京:高等教育出版社, 2002
103. 格雷厄姆(Graham N)著,戎志盛,高育德译.人工智能使机器思维.北京:机械工业出版社, 1985
104. 龚涛,蔡自兴.智能系统的免疫机制和鲁棒性分析.广西师范大学学报(自然科学版), 2003, 21(1): 55-57
105. 何华灿,王华等.泛逻辑学原理.北京:科学出版社, 2001
106. 何华灿.人工智能导论.西安:西北工业大学出版社, 1988
107. 何新贵.知识处理与专家系统.北京:国防工业出版社, 1990
108. 胡朝晖,陈奇,俞瑞钊.移动Agent系统综述.计算机应用研究, 2002, (10): 1-3
109. 胡舜耕,张莉,钟义信.多Agent系统的理论、技术及其应用.计算机科学, 1999, 26(9): 20-24, 39
110. 胡运发,高洪奎.人工智能系统—原理与设计.国防科技大学出版社, 1988
111. 焦李成.神经网络系统理论.西安:西安电子科技大学出版社, 1990
112. 李宏亮(导师金士尧).基于Agent的复杂系统分布仿真.国防科学技术大学博士学位论文, 2002
113. 李陶深.人工智能.重庆大学出版社, 2002
114. 李应潭.生命与智能.沈阳出版社, 1999
115. 李祖枢,涂亚庆.仿人智能控制.北京:国防工业出版社, 2003
116. 廉师友.人工智能技术导论,第二版.西安电子科技大学出版社, 2002
117. 林祥金,蔡庆生.人工智能, 科学技术文献出版社重庆分社, 1988

118. 林尧瑞, 郭木河. 人类智慧与人工智能. 北京: 清华大学出版社, 2001
119. 林尧瑞, 马少平. 人工智能导论. 北京: 清华大学出版社, 1989
120. 林尧瑞, 张钹, 石纯一. 专家系统原理与实践. 北京: 清华大学出版社, 1988
121. 刘大有, 杨鲲, 陈建中. Agent研究现状与发展趋势. 软件学报, 2000, 11(3): 315-321
122. 刘健勤. 人工生命及其应用. 北京: 冶金工业出版社, 1997
123. 刘娟 (导师蔡自兴). 基于时空信息与认知模型的移动机器人导航机制研究. 中南大学博士学位论文, 2003
124. 刘勇, 康立山. 非数值并行算法 (第二册) —— 遗传算法. 北京: 科学出版社, 1995
125. 陆汝钤. 人工智能. 北京: 科学出版社, 1989, 2000
126. 陆汝钤主编. 世纪之交的知识工程与知识科学. 北京: 清华大学出版社, 2001
127. 蒙祖强, 蔡自兴. 基于主控流动的多级multi-agent系统. 计算机工程与应用, 2001, 37(21): 28-30
128. 蒙祖强, 蔡自兴. 一种基于超群体的遗传算法. 计算机工程与应用, 2001, 37(13): 13-15
129. 潘正君, 康立山, 陈毓屏. 演化计算. 北京: 清华大学出版社, 广西科学技术出版社, 1998
130. 钱学森, 宋健. 工程控制论(修订版). 北京: 科学出版社, 1980
131. 乔兵, 朱剑英. 多Agent智能制造系统研究综述. 南京航空航天大学学报, 2001, 33(1): 1-7
132. 邵军力, 张景, 魏长华. 人工智能基础. 北京: 电子工业出版社, 2000
133. 施鹏飞、姚远. 人工智能教程. 北京: 上海交通大学出版社, 1993
134. 史忠植. 高级人工智能. 北京: 科学出版社, 1998
135. 史忠植. 知识发现. 北京: 清华大学出版社, 2002
136. 史忠植. 智能主体及其应用. 北京: 科学出版社, 2000
137. 帅典勋, 顾静. 多Agent系统分布式问题求解的代数模型方法(I): 社会行为、社会局势和社会动力学. 计算机学报, 2002, 25(2): 130-137
138. 帅典勋, 顾静. 多Agent系统分布式问题求解的代数模型方法(II): 群体智能和社会动力学. 计算机学报, 2002, 25(2): 138-147
139. 宋健. 智能控制——超越世纪的目标 (Intelligent Control——A Goal Exceeding the Century), 中国工程学报, 1999, 1(1): 1-5; IFAC 第14届世界大会报告, 1999年7月5日, 北京
140. 唐稚松. 时序逻辑程序设计与软件工程. 北京: 科学出版社, 2002
141. 涂序彦. “人工生命”的概念、内容和方法. 2001年中国智能自动化学术会议论文集, 2001年8月
142. 涂序彦. 人工智能及其应用. 北京: 电子工业出版社, 1988
143. 王荣波, 周昌乐. 移动Agent研究综述. 计算机应用研究, 2001, (6): 9-11
144. 王永庆. 人工智能原理与方法, 第十一章. 西安交通大学出版社, 1998
145. 文敦伟 (导师 蔡自兴). 面向多智能体和神经网络的智能控制研究. 中南大学博士学位论文, 2001
146. 文敦伟, 蔡自兴. 递归神经网络的模糊随机学习算法. 高技术通讯, 2002, 12(1): 54-56
147. 吴春明 (导师 朱淼良, 何志均). 基于多智能体的分布式智能机器人体系结构研究. 浙江大学博士学位论文, 1995
148. 西蒙 (Simon H A) 著, 荆其诚, 张厚粲译. 人类的认知: 思维的信息加工理论. 北京: 科学出版社, 1986
149. 徐立本, 姜云飞. 机器学习及其应用. 长春: 吉林大学社会科学丛书编辑部, 1988
150. 阎平凡, 张长水. 人工神经网络与模拟进化计算. 北京: 清华大学出版社, 2000
151. 杨炳儒主编. 知识工程与知识发现. 北京: 冶金工业出版社, 2000
152. 杨祥全, 蔡庆生. 人工智能. 重庆: 科技文献出版社重庆分社, 1988
153. 尹朝庆, 尹皓. 人工智能与专家系统. 北京: 中国水利水电出版社, 2002
154. 张钹, 张铃. 问题求解理论及应用. 北京: 清华大学出版社, 1990
155. 张文修, 梁怡. 遗传算法的数学基础. 西安交通大学出版社, 2000
156. 赵瑞清. 专家系统原理. 北京: 气象出版社, 1987
157. 郑金华, 蔡自兴. 狹义遗传算法. 计算机工程与应用, 1999, 35(12):
158. 郑金华, 蔡自兴. 自动区域划分的分区搜索狭义遗传算法. 计算机研究与发展, 2000, 37(4): 397-400
159. 钟晓, 马少平, 张钹等. 数据挖掘概述. 模式识别与人工智能, 2001, 14(1): 48-55
160. 周翔, 蔡自兴. 基于多分辨遗传的多层感知神经网络及其在短期电力负荷预估中的应用. 计算机工程与应用, 1999, 35(3): 10-12
161. 朱福喜, 汤怡群, 傅建明. 人工智能基础. 武汉大学出版社, 2002
162. 邹小兵, 蔡自兴. 基于传感器信息的环境非光滑建模与路径规划. 自然科学进展, 2002, 12(11): 1188-1192