附：需阅读的主要经典著作和专业学术期刊目录

一、主要经典著作

[1] 软件工程实践者的研究方法（原书第 7 版, 作者： Roger S.Pressman, 译者: 郑人杰, 机械工业出版社, 2011 年 05 月

[2] 软件工程：面向对象和传统的方法（原书第 8 版），作者: 沙赫 (Stephen R.Schach)，译者： 邓迎春 ，韩松等，机械工业出版社，2012 年 1 月 1 日

[3] 组合数学(原书第 5 版), 作者：布鲁迪(Richard A.Brualdi)，译者: 冯速等，机械工业出版社，2012 年 5 月 1 日，机械工业出版社。

[4] Concrete Mathematics:A Foundation for Computer Science（Second Edition），Ronald L. Graham，Donald E. Knuth，Oren Patashnik，Addison-Wesley Publishing Company，October 1990.

[5] Randomized Algorithms, Rajeev. Motwani and Prabhakar Raghavan,Cambridge University Press,1995.

[6] Principles of Database and Knowledge-base Systems(Volume 2), J. D. Ullman, Computer Science Press, 1989

[7] 算法分析与设计, 马绍汉，山东大学出版社，1993.

[8] 计算机图形学教程, 唐荣锡，汪嘉业等，科学出版社，2001 再版.

[9] 计算机网络, 谢希仁,陈鸣,张兴元,电子工业出版社,1994.10, ISBN 7-5053-24543.

[10] 人工智能原理, 石纯一,清华大学出版社,1993.10.

[11] 并行算法的设计与分析, 陈国梁,高等教育出版社,1994.5.

[12] 分布计算系统, 鞠九滨,高等教育出版社,1994.6.

[13] 自动机理论、语言和计算导引,J.E.霍普特罗夫特,J.D.厄而曼（徐美瑞译），科学出版社，1991.

[14] Web 服务:原理和技术，作者:(荷兰)帕派佐格罗(Michael P.Papazoglou)，译者:龚玲 张云涛，出版社：机械工业出版社，出版日期：2010 年 01 月。

[15] 需求分析与系统设计(原书第 3 版),作者: 麦斯阿塞克(Leszek A.Maciaszek), 译者: 马素霞, 王素琴, 谢萍等，机械工业出版社，2009 年 9 月 1 日。

二、主要中文专业学术期刊

[1] 软件学报
[2] 计算机学报
[3] 中国科学
[4] Journal of Computer Science and Technology
[5] 计算机研究与发展
[6] 通信学报
[7] 电子学报
[8] 自动化学报

三、主要外文专业学术期刊

1. 国际主要权威学术期刊

[1] ACM Transactions on Programming Languages & Systems
[2] ACM Transactions on Software Engineering Methodology
[3] TSE IEEE Transactions on Software Engineering
[4] IEEE Transactions on Service Computing
[5] IEEE Trans on Computers
[6] ACM Trans on Database System
[7] IEEE Transactions on Reliability

[8] Software Testing, Verification and Reliability

[9] Journal of Systems and Software

[10] Information and Software Technology

[11] International Journal on Software Engineering and Knowledge Engineering

[12] Science of Computer Programming

[13] ACM Transactions on Computer Systems

[14] IEEE Transactions on Parallel and Distributed Systems

[15] IEEE/ACM Transactions on Networking

[16] IEEE Journal of Selected Areas in Communications

[17] IEEE Transactions on Mobile Computing

[18] IEEE Transactions on Dependable and Secure Computing

[19] IEEE Transactions on Information Forensics and Security

[20] ACM Transactions on Information and Systems

[21] IEEE Transactions on Knowledge and Data Engineering

[22] VLDB Journal

[23] Information and Computation

[24] ACM Transactions on Graphics

[25] IEEE Transactions on Image Processing

[26] IEEE Transactions on Visualization and Computer Graphics

[27] Artificial Intelligence

[28] IEEE Trans on Pattern Analysis and Machine Intelligence

[29] International Journal of Computer Vision

[30] Journal of Machine Learning Research

[31] ACM Transactions on Computer-Human Interaction

[32] International Journal of Human Computer Studies

[33] Proceedings of the IEEE

[34] Journal of the ACM

2．国际主要权威学术会议

[1] ICSE: International Conference on Software Engineering

[2] FSE/ESEC: ACM SIGSOFT Symposium on the Foundation of Software Engineering/ European Software Engineering Conference

[3] OOPSLA: Conference on Object-Oriented Programming Systems, Languages, and Applications

[4] PLDI: ACM SIGPLAN Symposium on Programming Language Design & Implementation

[5] ASE: International Conference on Automated Software Engineering

[6] ISSTA: International Symposium on Software Testing and Analysis

[7] Middleware: ACM/IFIP/USENIX International Conference on middleware

[8] USENIX Symposium on Operating Systems Design and Implementations

[9] ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages

[10] ACM Symposium on Operating Systems Principles

[11] ACM Knowledge Discovery and Data Mining

[12] International Conference on Research and Development in Information Retrieval

[13] International Conference on Very Large Data Bases

[14] IEEE International Conference on Data Engineering

[15] ACM Symposium on Theory of Computing

[16] IEEE Symposium on Foundations of Computer Science

[17] IEEE Symposium on Logic in Computer Science

[18] ACM International Conference on Multimedia

[19] ACM SIGGRAPH Annual Conference

[20] IEEE Visualization Conference

[21] AAAI Conference on Artificial Intelligence

[22] IEEE Conference on Computer Vision and Pattern Recognition

[23] International Conference on Computer Vision

[24] International Conference on Machine Learning

[25] International Joint Conference on Artificial Intelligence