



武汉大学研究生成绩单

Wuhan University Graduate Student's Transcript

武汉大学

姓名: 罗霄 学号: 2012202120143 层次: 硕士 学制: 3年
Name: Luo Xiao Number: 2012202120143 Degree: Master School Length: Three years

学院: 电子信息学院 专业: 信号与信息处理
School: School of Electronic Information Speciality: Signal and Information Processing

学年 Year	学期 Semester	课程名称 Course	成绩 Grade	学分 Credit
2012	1	自然辩证法概论 Introduction to Natural Dialectics	A	1
2012	1	中国特色社会主义理论与实践研究 Theory and Practice of Socialism with Chinese Characteristics	B+	2
2012	1	信号检测与估值 Signal Detection and Estimated Value	A-	3
2012	1	随机过程 Random Process	A+	3
2012	1	现代数字信号处理 Modern Digital Signal Processing	A+	3
2012	1	现代通信理论 Modern Communication Theory	A-	3
2012	1	行业发展前沿讲座 Academic Lectures	A	2
2012	1	实习实践 Practice	A-	2
2012	2	硕士英语 English Course for Masters	A	2
2012	2	物联感知与智慧系统 Internet of Things and Intelligent system	A	2
2012	2	激光通信技术及应用 Laser Communication Technology and Application	A+	2
2012	2	多媒体通信技术 Multimedia Communication Technology	A	2
2012	2	模式识别与机器学习 Model Recognition and Machine Learning	A+	2
2012	2	图像分析与理解 Image Analysis and Understanding	A+	2
2012	2	最优化理论基础 Principles of Optimization Theroy	A+	2
2014	1	DSP原理及应用 Principles and Application of DSP	A-	3
		-----以下空白/Blank-----		

研究生院院长
Dean of the Graduate school

津江光
Gotoh Toshiaki

武汉大学研究生院
Graduate School of Wuhan University

PS: The Graduate School of Wuhan University has used Ten-point grading scale since 2008. 96-100= A+; 90-95= A; 85-89= A-; 80-84= B+;

75-79 = B; 70-74 = B-; 67-69 = C+; 63-66 = C; 60-62 = C-; 0-59 = D

Tel: (86) 27 68754166 Fax: (86) 27 68754162 E-mail: vispyc@whu.edu.cn



2019111015321702

硕士学位证书

罗霄，男，1989年11月16日生，在武汉大学信号与信息处理学科（专业）已通过硕士学位的课程考试和论文答辩，成绩合格。根据《中华人民共和国学位条例》的规定，授予工学硕士学位。

武汉大学

校 长： 李晓红
学位评定委员会主席

证书编号：1048632015002466 二〇一五年六月三十日

CERTIFICATE OF MASTER'S DEGREE

WUHAN UNIVERSITY

This is to certify that Mr. Luo Xiao, born on November 16, 1989, has been majoring in Signal and Information Processing at Wuhan University for the master degree. He has completed all the courses with satisfactory grades and succeeded in defending the dissertation. In conformity with Regulations on Academic Degrees of the People's Republic of China, he has been awarded the degree of Master of Engineering.

Li Xiaohong
President of Wuhan University
Chairman of Degree Awarding Committee



Certificate No.: 1048632015002466

Date: June 30, 2015

硕士研究生
毕业证书

研究生 罗霄 性别 男， 一九八九年十一月十六日
生，于 二〇一二年九月至二〇一五年六月在信
号与信息处理 专业学习，学制三年，修完硕士研究生培养计划规定
的全部课程，成绩合格，毕业论文答辩通过，准予毕业。

培养单位： 武汉大学

校长： 李晓红

证书编号： 104861201502001801

二〇一五年六月三十日

CERTIFICATE OF GRADUATION
WUHAN UNIVERSITY

This is to certify that Mr. Luo Xiao, born on November 16, 1989, having specialized in Signal and Information Processing at Wuhan University from September, 2012 to June, 2015 and completed all the courses with satisfactory grades, a qualified thesis and the oral defense thereof required by the master program, is hereby granted this Certificate of Graduation.



President of Wuhan University

Certificate No.: 104861201502001801

Date: June 30, 2015



武汉大学学生成绩单

Wuhan University Student's Transcript

姓名: 罗霄

学号: 2008301200284 学院: 电子信息学院

专业: 电子信息工程

学制: 4年

Name: Xiao Luo

Number: 2008301200284 College: School of Electronic Information

Specialty: Electronic Information Engineering

Schooling Length: four years

学年学期 School year	课程名称 Course	课类 Course Sort	学分 Credit	成绩 Grade	学年学期 School year	课程名称 Course	课类 Course Sort	学分 Credit	成绩 Grade
2008-2009 1st Term	思想道德修养和法律基础 Ideological and Moral Cultivation and Fundamentals of Law	R	3	86	2009-2010 2nd Term	信号与系统 Signals and Linear Systems	R	4	82
	大学英语1 College English (1)	R	3	86		高频电子线路 High-frequency Electronic Circuit	C	3	87
	高等数学A1 Advanced Mathematics A1	R	6	92		传感器技术 Sensor Technology	C	3	90
	C语言程序设计 C Programming Language	R	2	77		信号与系统实验 Signals & Systems Experiment	R	1	85
	线性代数B Linear Algebra(B)	R	3	97		体育4 Physical Education (4)	R	1	82
	C语言程序设计上机 Practice of C Programming Language	R	1	90		数字电路实验 Experiment of Digital Circuit	R	1	84
	电子信息科学技术导论 Introduction to Electronic Information Science and Technology	C	1	74		资源环境与可持续发展 Resources, Environment and Sustainable Development	F	2	76
	体育1 Physical Education (1)	R	1	77		CET4成绩 College English Test Band Four (CET-4)	R	0	81
	军事理论 Military Theory	R	1	82		微机原理与接口技术 Principles and Interface Technique of Microcomputer	R	4	86
2008-2009 2nd Term	马克思主义基本原理 Basic Principles of Marxism	R	3	75	2010-2011 1st Term	电波传播 Radio Wave Propagation	C	3	89
	大学英语2 College English (2)	R	3	87		微波原理 Microwave Principle	C	3	87
	中国近现代史纲要 Essentials of Modern and Contemporary Chinese History	R	2	78		数字信号处理 Digital Signal Processing	C	3	83
	高等数学A2 Advanced Mathematics A2	R	6	92		软件技术基础 Software Technology Fundamentals	C	3	86
	大学物理A(一) College Physics (1)	R	2	89		信号处理实验 Experiment of Signal Processing	C	1	91
	大学物理A(二) College Physics (2)	R	3	98		微波技术实验 Experiment of Microwave Techniques	C	1	84
	大学物理实验A(一) Experiment of College Physics (1)	R	1	90		微机原理与接口技术实验 Principles and Interface Technique of Microcomputer	R	1	93
	电路分析 Circuit Analysis	R	3	93		Experiment			
	工程制图 Engineering Drawing	C	2	85		高频电子线路实验 Experiment of High-frequency Electronic Circuit	C	1	84
	面向对象程序设计 Object-Oriented Programming	R	3	81		MATLAB及其应用 MATLAB Technology and Application	F	1	86
	体育2 Physical Education (2)	R	1	89		CET6成绩 College English Test Band Six (CET-6)	F	4	73.1
	数字媒体传播基础 Fundamentals of Digital Media	F	1	77	2010-2011 2nd Term	通信原理 Communication Principle	C	3	78
	计算机信息检索与利用(工)2 Computer-aided Information Retrieval and Utilization (Engineering) (2)	F	2	87		集成电路设计 Integrated Circuit Design	C	4	78
	羽毛球(二) Badminton (2)	F	2	87		DSP技术及其应用 Digital Signal Processing Technology and Its Application	C	3	88
	毛泽东思想、邓小平理论和“三个代表”重要思想概论 Mao Zedong Thoughts, Deng Xiaoping Theories and the Important Thought of “Three Represents”	R	6	89		射频电路 Radio Frequency Circuit	C	3	80
	大学英语3 College English (3)	R	3	90		单片机系统设计 System and Design of Single-chip Processor	R	2	90
	大学语文 Chinese Language and Literature	F	2	84		通信原理实验 Experiment of Communication Principle	C	1	90
2009-2010 1st Term	数学物理方法 Methods of Mathematical Physics	R	4	96		集成电路设计实验 Experiment of Integrated Circuit Design	C	2	83
	工程随机数学 Engineering Stochastic Mathematics	R	3	96	2011-2012 2nd Term	毕业论文 Graduation Thesis	R	6	86
	大学物理实验A(二) Experiment of College Physics (2)	R	1	85		以下空白 / The End			
	大学物理A(三) College Physics (3)	R	3	96					
	低频电子线路 Low-frequency Electronic Circuit	R	4	98					
	体育3 Physical Education (3)	R	1	83					
	低频电子线路实验 Experiment of Low-frequency Electronic Circuit	R	1	85					
	机器人概论 Introduction to Robot	F	1	86					
	当代世界经济与政治 Economy and Politics of Contemporary World	F	1	92					
	大学英语4 College English (4)	R	3	82					
2009-2010 2nd Term	数字逻辑电路 Digital Logic Circuit	R	3	94					
	电磁场与电磁波 Electromagnetic Field and Wave	R	3	94					

课程类别 Course sort: (R) 必修课 Required Course; (C) 限制选修课 Controlled Elective Course; (F) 任选课 Free Elective Course.



Certificate of Undergraduate Diploma

Mr. Xiao Luo, born on 16/11/1989, student number 2008301200284, studied in the 4 - year undergraduate program of Electronic Information Engineering at Wuhan University from 09/2008 to 06/2012. He has completed all the courses regulated by the teaching plan. The achievement is qualified, and graduation is permitted.

Certificate of Bachelor's Degree

This is to certify that Mr. Xiao Luo, born on 16/11/1989, majored in Electronic Information Engineering and accomplished all the courses required by the undergraduate program at Wuhan University.

In accordance with the "Regulations of the People's Republic of China on Academic Degrees", he is granted Bachelor's Degree in ____.

President of Wuhan University: Li Xiaohong

Chairman of Degree Appraising Committee: Li Xiaohong

Certificate No. : 104861201205005810/1048642012005810

Department of Undergraduate Education

Wuhan University

Date: 30/06/2012



武汉大学证明打印专用纸