# Zhejiang University Student's Academic Records

Registration No: 20182743	2743		A TANGLASIN TO TANK TO TANK TIRETHE SHANK OF STANKING SHANKS		A CONTRACTOR	Student's Academic Records	emic R	ecord	S	A COLUMN		esatzi di ugan Esakası adı oğrafi Esakadı. Boyatları	1
Name: SHI Bin	Colle	ge/Dep	College/Dept.: College of Mechanical		Engineering	ACCUSATOR SHOULD AN	Speciality:		Mechatronics Engineering	SALICONING MATERIAL SALICAN MATERIAL SAL	Total Control	Student ID: 3120000555	55
Sex: Male	Birth	day: 0	Birthday: 05/17/1994 Birth Place: Hubei	ace:	Hubei	Ent	rance D	ate: 0	Entrance Date: 09/01/2012 Graduation Date: 06/30/2016	n Date	: 06/3	0/2016 Years of Program: 4Years	ears
Academic Year 2011-2012	2012	1 TO 1	College English Band IV(H)	3.0	81	Wisdom and Justice	1.5	88	Finite Element Analysis of Mechanical & Electrical System	1.5	d 06	Dynamic Modeling And Simulation Of 1.5 8	87
Courses (2nd Term)	*Cr	*Sc	Physics I (H)	4.0	78	Lab. of Digital Electronic Circuits	1.0	B	Microprocessors & Interfacing Course Design	1.0	В	Lab. of Modeling, Identification and O. 5 E	68
Western Literature (H)	1.5	06	Ethics	1.5	87	Engineering Fluid Mechanics (	(B) 2.0	72	Microprocessors & Interfacing	3.0	82	Courses (2nd Term) *Cr	*Sc
Audio-Visual & Spoken English	1.0	83	Engineering Graphics	2.5	70	Mechanical and Computer Aided Drawing Foundation	1.5	82	Lab. of Principle of Automatic Control	1.0	B S	Situation and Policy II 1.0 F	Ь
Introduction to Life Science (H)	3.0	92	Modern Chinese History (II)	2.5	68	Intercultural Communication	ion 1.5	88	Modern Control Theory	2.0	90 F	of B.S. 14.0	91
Academic Year 2012-2013	2013	NEL LAND	Philately and Culture	1.5	82	Lab. of Analog Electronic Circuit	ouit 1.0	В	Courses (2nd Term)	*Cr	*Sc D	Practice Ability & Quality  Development	A
Courses (1st Term)	*Cr	*Sc	Introduction to the Principle of Marxism	2.5	96	Electric Circuit Experiment(B)	1.0	В	The Project of Machine Design (A)	2.0	В	Physical test 1.0 F	Р
Military Training	2.0	83	Situation and Policy I	1.0	80	Table Tennis (Basic Level)	0 1.0	06	Computer Control Technique	1.5	94	HANGON CONTRACTOR SANCTON SANC	
Oral English	1.0	85	Physics Lab I	1.5	68	Intro.to Mao Thought & Theoretical System of China Socialism	tical 4.0	82	Motor Control & Drag Experiment	0.5	98	West and the state of the state	MO CONT
Cross-Country Orienteering (Basic Level)	1.0	98	Mathematical Analysis (A) [[(H)]	4.5	87	Analog Electronic Technology Foundation	3.0	88	Motor Control & Drag	1.5	68	MANULANT DE ZAERANY OCHO CONTACTOR	NO COST
College English Band II	3.0	83	Comprehensive Practice on Programming	1.0	06	Lab. of Material Mechanics	s 0.5	74	Programmable Controller & Embedded System Experiment	0.5	86	Medius cognificative or marcher a standard	
C Programming Language & Lab.	4.0	98	Academic Year 2013-2014	2014	and the	Machine Design (A) I	3.0	09	Programmable Controller & Embedded System	1.0	84	MAGINAMORE MANAGEMONO COLOR SANGO MAGINAMORE MANAGEMONO COLOR SANGON	MASS CONTRACTOR
General Chemistry Experiment(B)	1.0	68	Courses (1st Term)	*Cr	*Sc	Material Mechanics	(B) 4.0	88	Sensing & Testing Technology	2.0	06	(+	MANUTED MANUTED IN
Mental Education and Foundation of Law	2.5	98	Complex Variable Functions & Integral Transformation	1.5	06	Engineering Training	g 1.5	82	Sensing Testing Technology Experiment	0.5	90	( * 1 )	MN(SE)
Freshmen's: Neuroscience Exploring the Deepest Mysteries of Life	1.0	91	Football (Basic Level)	1.0	62	Academic Year 2014-2015	2014-201	2	Lab, of Pneumatic Control Technology	0.5	A	1857	Wall lan
Ancient World Civilization	1.5	68	Tang Poetry Classical Study	3.0	В	Courses (1st Term)	*Cr	r *Sc	Pneumatic Control Technology	1.5	788		
Career Planning	1.5	В	Probability and Mathematical Statistics	2.5	85	Recognition Practice for Mechatronics	1.0	В	Modern Dynamics Of Machinery System	1.5	96	<b>蜀老林</b> 上田 3. 1	
Mathematical Analysis (A) I (H)	4.5	92	tical Modeling	4.5	80	Engineering Enhancement Training	ing 1.5	87	Modeling, Identification and Control of Mechatronic System	4.0	88	(1)	
Military Theory	1.5	98	Physics Lab II	1.5	91	Experiments of Hydraulic Transmission & Its Control	0.5	В	Precision Testing Technology	1.0	92	)	A CHARLES
Principles of Chemistry	3.0	78	Theoretical Mechanics (A)	4.0	71	Hydraulic Transmission & Its Control	1.5	98	Lab.of Precision Testing Technology	0.5	92	merialisasi rast en america i est urstire.	
Linear Algebra I (H)	3.5	75	Physics II (H)	4.0	75	Robots Technology	1.5	91	Lab.of Modeling, Identification and Control of Mechatronic System I	0.5	68	A CONTROLLED TO BANDING COMP. LANDED	ADJC M
Courses (2nd Term)	*Cr	*Sc	Digital Electronic Circuits	3.0	84	Special English	1.0	87	Academic Year 2015-2016	2016		Occupied J GB A : 3 67/4 0/83 88/100)	
Ordinary Differential Equations	1.0	95	English Writing	2.0	85	Experiment of Robots Technology	ву 0.5	95	Courses(1st Term)	*Cr	*Sc T	The last two years	
Electronic Information Technology & Equipment	1.5	78	Electric Circuit (B)	3.0	74	Machine Design (A) II	1 3.0	85	Course Design of Mechatronic System	1.5	81	GPA:3.86/4.0(87.16/100)	10 P
Basketball (Basic Level)	1.0	84	Courses (2nd Term)	*Cr	*Sc	Fundamentals of Control Engineering	3.0	62	Engineering Practice	2.0	93	NATIONAL LISTONE, BANGO, MOTOR PLANTING.	Sel Contra
Credits Required for Graduation: 160+4+5	nduati	on: 16	Di Essilvinan ANCHECH E. B. Bu.	Cred	its Obt	Credits Obtained: 188.5	Taleston.	No.	SHOOT STATE OF SHOOT SHOUT SHOOT SHOUT SHOOT SHOUT SHOOT SHOOT SHOOT SHOOT SHOOT SHOOT SHOOT SHOUT SHOOT SHOUT SHOT SHOT SHOUT SHOOT SHOUT SHOOT SHOUT SHOOT SHOUT SHOOT SHOUT	Degre	e Grant	Degree Granted:Bachelor of Engineering	
Three grade systems are used simultane	ni klsuos	in Zhejiang	Three grade systems are used simultaneously in Zhejiang University,specifically as follows(*Cr=Credits,*Sc=Score):	Credit	s;*Sc=Sco	re):	1000		SHOOL WATER BUILDING BANKS			ANGEL NOT GEODIE MENNAGEN VICENTA LEGIS (ELEMANDES)	

Associate Provost: 张丸琳 Registrar: MN 片つつ Date Issued:08/24/2018

<sup>1.</sup> The percentage system: Above 60 is passing, 100 is full mark;
2. Five degree grading: Excellent(A), Good(B), Fair(C), Passing(D), Failed(E),
3. Two degree grading: Passing(P), Failed(F).
4. Courses identified with: "\*" are transferred from partner universities.
5. Courses identified with: "A," are retaken and calqulated into GBA according to the highest score. The courses identified with: "A," are retaken and calqulated into GBA according to the highest score.

# 浙江大学学生成绩一览表

登记号: 20182743

立 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	位为	2. 加州	哈多. 扣械工程沙哈	N. ST. SERVICE	Total State		专业:	机械中	机械电子工程	nu:	Condessor	the section of the se	学号: 3120000555	99	ACTURE OF
姓祖: 文化林明: 甲	在日.	4. 199	1994年05月17日	出生地点:湖北	<b>六</b> 類		入学日期:	期:2	)12年0	2012年09月01日		2016年06月30日	学制:4年	The second	No.
	ш		大学英语IV (II)		3.0	31	智慧和正义	1.5	88	统有限元分析	1.5 9	90 机电系	机电系统动力学建模与仿真	1.5	87
第2学期课程	学分	分 成绩	普通物理学Ⅰ	(H)	4.0	78	数字电子技术基础实验	1.0	良好	微机原理与接口课程设计	1.0	良好 机电系	机电系统的建模、辨识与控制实验Ⅱ	0.5	89
所方文学经典(H)	1.5				1.5	87	工程流体力学(乙)	2.0	72	微机原理与接口技术	3.0 8	82	第2学期课程	学分	成绩
英语视听说	1.0		工程图学		2.5	02	机械制图及CAD基础	1.5	82	自动控制原理实验	1.0	良好 形势	形势与政策 [[	1.0	合格
生命科学导论(H)	3.0	92	中国近现代史纲要	(H)	2.5	68	跨文化交流	1.5	68	现代控制理论	2.0 9	<b>亚南</b> 06	毕业设计(论文)	14.0	91
2012-2013学年	1	PRESIDENCE SON	集邮与文化		1.5	82	模拟电子技术基础实验	1.0	良好	第2学期课程	学分	成绩第二课堂	果堂	4.0	优秀
第1学期课程		学分 成绩	马克思主义基本原理概论	7/12	2.5	96	电路原理实验(乙)	1.0	良好	机械设计课程设计(甲)	2.0	良好 体测	MATERIAL STANDARD CONTROL SECOND	1.0	合格
军训	2.0	0 83	形势与政策1		1.0	80	乒乓球(初级班)	1.0	06	计算机控制技术	1.5 9	94	A COUNTY TO A COUNTY OF THE COUNTY OF T		
英语口语	1.0	0 85	普通物理学实验	1	1.5	68	毛泽东思想和中国特色社会主义理论体 系概论	4.0	82	电机控制与拖动实验	0.5	98	SANDERFERM STRANSSES		
定向越野(初级班)	1.0	98 0	数学分析(甲)Ⅱ(用)		4.5	87	模拟电子技术基础	3.0	88	电机控制与拖动	1.5	68	AND LOST OF THE MANAGEMENT AND		21
大学英语	3.0	0 83	程序设计综合实验	No. of the last	1.0	06	材料力学实验	0.5	74	可编程控制器与嵌入式系统实验	0.5	86	WILLIAM SERVICE STATE OF STREET	CONTRACT	
程序设计基础及实验	4.	98 0	2013	2013-2014学年	THE PERSON NAMED IN	OD SOM	机械设计(甲)1	3.0	09	可编程控制器与嵌入式系统	1.0	84	A CONTRACTOR OF THE CONTRACTOR		
化学实验(乙)	1.0	68 0	第1学期课程		学分	成绩	材料力学(乙)	4.0	88	传感与检测技术	2.0	06	A CONTRACTOR OF THE CONTRACTOR		
思想道德修养与法律基础	2	5 86	复变函数与积分变换		1.5	06	工程训练	1.5	82	传感检测技术实验	0.5	06	ヘミ	CAMPOSA	
新生研讨课-神经科学探索生命的最 深敏秘	1.0	0 91	足球(初级班)	180500000	1.0	62	2014-2015学年	年	Supply Street	气动控制技术实验	0.5	优秀	ヤコタ		
古代世界文明	1.	5 89	唐诗经典研读	OCCUPATION OF	3.0	良好	第1学期课程	学分	成绩	气动控制技术	1.5	82	7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
职业生涯规划	1.	5 良好	F 概率论与数理统计		2.5	85	机械电子工程专业认识实习	1.0	良好	现代机械系统动力学	1.5	96	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	e cane	
数学分析(甲) I(用)	4.5	5 76	数学建模	AND PART OF THE PA	4.5	80	工程训练加强实习(乙)	1.5	87	机电系统的建模、辨识与控制	4.0	88	、观多核专用等	The same of the sa	
军事理论	1.	5 86	普通物理学实验Ⅱ	SELECTION OF STREET	1.5	91	液压传动及控制实验	0.5	良好	精密测试技术	1.0	92			
化学原理	3.0	82 0	理论力学(甲)	A CHARLES	4.0	71	液压传动及控制	1.5	98	精密测试技术实验	0.5	92			
线性代数 I (H)	3.5	5 75	普通物理学II(H)		4.0	75	机器人技术	1.5	16	机电系统的建模、辨识与控制实验】	0.5	68	TAN INSTITUTE AND	9	
第2学期课程	作	学分 成绩	贵 数字电子技术基础		3.0	84	专业外语	1.0	87	2015-2016学年	NO SAME	所有	学年GPA:3.67/4.0(83	3.88/10	(0)
常微分方程	1.0	0 95	英语写作	AND DESCRIPTIONS	2.0	85	机器人技术实验	0.5	95	第1学期课程	学分	成绩后两	后两年GPA:3.86/4.0(87.16/100)	(001/9)	
电子信息技术及仪器	1.5	5 78	(2) 証別知申	A CHEST SAME	3.0	74	机械设计(甲)Ⅱ	3.0	85	机电系统课程设计	1.5	81			
篮球(初级班)	1.0	0 84	第2学期课程	课程	学分	成绩	控制工程基础	3.0	79	生产实习	2.0	93	CANCEST HERITANICAL CONTROL		
毕业最低学分应为: 160+4+5	4+5	NEW CORP.	AND MAINTENANCE IN COLUMN	AND LONG SERVICE	己获	己获得学分:	188.5	Service	NO STORY	A CONTROLLED NA SCHOOL STORY	授予学位:	·位: 工学学士	2+ CERT ENTRY OF THE PROPERTY	E.Sunda	
记载成绩说明: 1 百分相:60分及60分以上为及格、100分为演分	0分为湖	分.	AND DAZIOSED IS DAY OF	THE STREET STREET	Superior Sup	NAME OF TAXABLE PARTY.	1.6		_	SANTONICE CENTRAL SANTONICE SANTONIC					

签发时间: 2018年08月24日

## CERTIFICATE

This is to certify that Shi Bin ranks in the top 5% among the 80 students with the speciality of Mechatronics Engineering.

Registrar: A

Zhejiang University

# Zhejiang University

It is hereby certified that after having satisfied all the conditions prescribed by the University

### SHI Bin

was on the
thirtieth day of June, 2016
duly admitted to the degree of
Bachelor of Engineering
in Mechatronics Engineering

No. 1033542016582287

President of Zhejiang University

# 浙沙北学

# 学士学位证书

史彬, 男, 1994年05月17日生。在我校完成了 机械电子工程专业本科学习计划, 成绩合格, 授予 工学 学士学位。



252525252525252525252525252525252525

校长

证书编号: 1033542016582287

二〇一六年六月三十日

(普通高等教育本科毕业生)

# DIPLOMA

This is to certify that Mr.SHI Bin, born on May 17, 1994, has studied in the College of Mechanical Engineering, Zhejiang University with a specialty of Mechatronics Engineering from September 2012 to June 2016. Upon completing and passing all the required courses of the 4-year undergraduate program, he is granted graduation.

Registration No. 103351201605002227

Wu Zhaohui

President of Zhejiang University

Date Issued: June 30, 2016

普通高等学校

# 毕业证书

 
 学生
 史彬
 性别男,一九九四年五月

 十七日生,于二〇一二年九月至二〇一六年六月在本校 机械电子工程
 专业四年制本科学习,



修完教学计划规定的全部课程, 成绩合格, 准予毕业。

学 校:

校长

电子注册号: 103351201605002227

ZJU 1602227

二〇一六年六月三十日

http://www.chsi.com.cn

浙江大学监制

0150939 自助打印专用纸.

# Transcript for Master Degree Graduate Student of Zhejiang University **Graduate School**

Student ID: 21632060 Name: Shi Bin Sex			Sex: Male	美世界
College/Dept: College of Control Science	e and Engineering	Speciality: Control Science and Engineering	Years of Progr	am: 2.5
Credits Required for Graduation/Credits		Whether the course credits have been complete	d: Yes	
Pate of Entrance: September 2016		Graduation Date:		NEG
Degree Certificate No.:		Diploma Certificate No.:		
Degree Type:		Degree Granted:		
Period of Time	AAAAEEEEE	Name of Course	Credit	Score
2016,Summer	Adv	ranced Automation	2.0	98
2016,Summer	System Id	dentification and Filtering	2.0	88
2016,Autumn	Internation	al Economic Cooperation	2.0	88
2016,Autumn	Di	alectics of Nature	1.0	89
2016,Autumn	English Te	est for Graduate Students	1.0	Exemp
2016,Autumn	English Commu	nication for Graduate Students	1.0	Exemp
2016,Autumn	Line	ear System Theory	2.0	100
2016,Autumn	Lectures on Frontiers	of Control Science and Engineering	1.0	100
2016,Autumn	Intelli	gent Mobile Robotics	2.0	88
2016,Autumn S	tudy on the Theory and Prac	tice of Socialism with Chinese Characteristics	2.0	91
2016,Winter		Matrix Theory	2.0	80
2016,Winter	Optimiza	tion and Optimal Control	2.0	94
2016,Winter		ntelligent Control	2.0	93
2016,Winter	Introduction to Control System Safety & Security Engineering			84
2017,Autumn	<b>V 3</b> 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Badminton	0.0	В
		End		

- 1. Three grade systems are used simultaneously in Zhejiang University Graduate School, specifically as follows:
- (1) The Percentage System: Above 60 is Passing, 100 is Full Mark; (2) Two Degrees Grading: Pass(P), or Fail(F); (3) Five degree grading:Excellent(A),Good(B),Fair(C),Passing(D),Failed(E);
- 2."\*" denotes retake course

Thesis Topic

3.From Sept.15th, 1998, Zhejiang University、 Hangzhou University、 Zhejiang Agriculture University and Zhejiang Medical University merge into Zhejiang University.

VERIFICATION



6706 5520 5210 1822 464





自助打印专用纸. 0122260

# 浙江大学研究生院

# 攻读硕士学位研究生成绩表

号: 21632060		姓名: 史彬	36 3 5 3		性别:男
· · · · · · · · · · · · · · · · · · · ·		学科:控制科	学与工程		学制: 2.5
业应获最低学分/已获学分: 24.0/24.0	学分	课程学分是否	已修读完毕: 否	de mail	
学年月:2016年09月		毕业年月:			
空位证书号:		毕业证书号:			
受予学位类型:		授予学位时间	1:		
学习时间	课程名和	R	学分	成绩	课程性质
2016学年夏季学期	自动化前	沿	2.0	98	专业学位课
2016学年夏季学期	系统辨识与	滤波	2.0	88	专业学位课
2016学年秋季学期	国际经济台	合作	2.0	88	公共选修课
2016学年秋季学期	自然辩证法	概论	1.0	89	公共学位课
2016学年秋季学期	研究生英语水	平测试	1.0	免修	公共学位课
2016学年秋季学期	研究生英语交	流能力	1.0	免修	公共学位课
2016学年秋季学期	线性系统理	理论	2.0	100	专业学位课
2016学年秋季学期	控制学科国际前	<b></b>	1.0	100	专业选修课
2016学年秋季学期	智能移动机器	人技术	2.0	88	专业选修课
2016学年秋季学期	中国特色社会主义理	论与实践研究	2.0	91	公共学位课
2016学年冬季学期	矩阵论		2.0	80	专业学位课
2016学年冬季学期	最优化与最优	尤控制	2.0	94	专业学位课
2016学年冬季学期	智能控制	ij	2.0	93	专业学位课
2016学年冬季学期	控制系统安全	L程导论	2.0	84	专业选修课
2017学年秋季学期	羽毛球	10000000000000000000000000000000000000	0.0	良	公共选修课
		諫			
				Ka Ma	
	55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	LEE ERRENE	376-1-376		医光谱性 衛門

### 说明:

1.研究生课程按三种方法计分:百分制,两级制(通过、不通过),五级制(优、良、中、及格、不及格)

2.成绩中"\*"表示重修课程

3.从1998年9月15日开始,浙江大学、杭州大学、浙江农业大学、浙江医科大学四校合并为浙江大学



7075 1369 3593 0502 144

浙江大学研究生院 Graduate School of Zhejiang University 研究 2018/08/24 证明专用章



自助打印专用纸. 0150931

# 研究生在读证明

兹有 史彬 , 男 , 出生日期 1994年05月17日 , 证件号 429006199405172114 , 学号 21632060 , 于2016年09月 11日入学 , 系我校 控制科学与工程学院 , 控制科学与工程 专业 , 在读 全日制 硕士 研究生 , 学制 2.5 年 , 预计到期时间 2019年03月 30日 。

# CERTIFICATE

This is to certify that Shi Bin (Male Date of birth May 17, 1994, ID No. 429006199405172114, Student No. 21632060) is studying at the College of Control Science and Engineering of Zhejiang University with the major in Control Science and Engineering as full-time Master candidate since

September 11, 2016 (Years of Program: 2.5), is expected to graduate in March 30, 2019.



6900 6960 0973 6832 000

