KADER ALI IBRAHIM

▼ 江苏省无锡市滨湖区蠡湖大道1800号江南大学 , 214122无锡 (中国)

(+86) 18652457196

Kader-ali@vip.jiangnan.edu.cn

• WeChat: 18652457196

https://kaderaliibrahim.com/

至 工业公司和学术机构

无锡, 2022年08月06日

主题:研发、电气工程师、控制工程师、自动化控制、机器人控制算法、工艺工程师、PLC工程师、半导体器件模型、系统工程师、电机驱动研发工程师及博士后

尊敬的先生/女士

感谢您对我的申请或上述职位的候选人的积极意见。

我是 KADER ALI IBRAHIM (东非)。我出生于 1992 年 11 月 6 日。我目前正在攻读博士学位。博士等要求课程、开场报告、中期评估、预答辩和论文盲审。一年或两周后,我要去攻读最终博士学位。防御论文。我正在攻读博士学位的最后一年。就读于江南大学(世界食品科学领域顶尖大学)物联网工程学院具体研究方向为控制科学与工程、系统建模、系统识别。

我的研究项目是在江南大学物联网与工程学院丁锋教授的指导下完成的。我于 2018 年以博士的身份加入这所学校。学生,并于 2015 年在同一所大学获得硕士学位。我计划在 2023 年 6 月之前毕业,因为我正在努力完成我的研究,以满足我博士的所有要求。程度。

我已经在 SCI 期刊上发表了两篇研究文章: "The International Journal of Control, Automation, and Systems (IJCAS)"和 "Optimal Control Applications and Methods (OCAM)", 另外两篇论文正在"Applied Mathematical Modeling"中进行评审-期刊 | Elsevier"和"应用数学和计算-期刊 | Elsevier"; 我相信两者都将很快被接受出版。

我渴望从事上述职位之一的丰富职业。我认为自己适合上述职位之一.

尊敬的专家科学委员会科学与工程,请考虑我们的候选资格以获得进一步的步骤。 如果您有任何问题,您可以在方便时与我联系。 谢谢您,我期待收到您的积极回应。

此致,

KADER ALI IBRAHIM



KADER ALI IBRAHIM

Nationality: Djiboutian Date of birth: 06/11/1992 Gender: Male

Capenical Phone number: (+86) 18652457196

Email address: kader-ali@vip.jiangnan.edu.cn

QQ: 2185631502

in LinkedIn: https://www.linkedin.com/in/ kader -ali-ibrahim-56488915a

f Facebook: <u>rb.gy/n6whov</u>

O Instagram: https://www.instagram.com/kaderaliibrahim/

ResearchGate: https://www.researchgate.net/profile/ Kader -Ali-Ibrahim

Website: https://kaderaliibrahim.com

♦ Home: Jiangsu Province Wuxi City Binhu District Xue Xin Yuan 93 Building 902, 2141 25 Wuxi (China)

关于我

我是来自吉布提的 KADER,我拥有电气工程硕士学位,目前正在攻读控制科学与工程博士学位。多年来,我培养了适合该项目的潜水员的技能和素质。

我非常有动力,学得很快,并且喜欢我所做的事情以充分利用它。我在工作中专注且善于计划,确保我工作中的每一项产出都符合必要的标准并具有适应性。我可以单独或在团队中很好地工作,并且能够快速学习新任务,我的总体目标是为实现公司项目目标和目标做出贡献。

我有担任电气技术员、参加各种实习计划和志愿服务的经验。我在工作和学业上都取得了各种成功。 任何公司项目的目标都是结果;我以结果为导向,期待我们的共同努力。.

工作经验

博士研究项目

[01/09/2018 - 01/07/2023]

City: Wuxi

Kader Ali Ibrahim 获得理学学士学位。2014年获得吉布提大学理工学院(吉布提,吉布提)学士学位。2018年于江南大学(中国无锡)获得硕士学位。他目前从2018年在江南大学(中国无锡)物联网工程学院攻读博士学位。他目前的研究兴趣包括系统识别和系统建模。

在丁锋教授的实验室, 我学习并开展了一项题为"连续时间系统参数辨识"的研究。我们的一些贡献如下。

- 高阶系统及其线性时不变连续系统的参数识别。
- 为了估计高阶系统参数,最小二乘原理用于推导新算法。
- 提供一种基于随机梯度的迭代方法来估计连续时间系统的参数。
- 提出了一种新的递归最小二乘算法来提高参数估计的准确性。

硕士研究项目

[01/09/2015 - 01/07/2018]

城市: 无锡

在沈艳教授的实验室,我进行了电力电子和电驱动方向的研究,题目是"基于MRAS的感应电机无传感器矢量控制研究"。 主要内容如下:

- · 研究并分析了模型参考自适应系统 (MRAS) 的原理和性能。
- · 交流电机转速识别器基于MRAS设计。
- 提出了一种使用设计的速度识别器的交流电机无速度传感器矢量控制系统。
- 利用MatLab/Simulink平台构建系统仿真模型,验证无速度传感器控制系统的性能。

学士项目

[01/09/2011 - 01/06/2014]

城市: 吉布提国家: 吉布提

学士学位 •吉布提大学 在我的本科学习期间。我进行了两次实习,第一次是在DP World Doraleh。我们一直在与工程师合作。我完成后,我们在Abdoulkader教授的指导下开展了一个关于"绿色智能家居"的项目。我们已经成功地完成了您的任务和责任。

教育和培训

博士控制科学与工程专业

江南大学 [01/09/2018 - 01/07/2023]

地址: J江苏省无锡市滨湖蠡湖大道1800江南大学 214122

网站: https://english.jiangnan.edu.cn/

研究领域: 控制科学与工程 期末成绩: 总平均成绩 3.6

论文: 时不变连续时间系统的参数辨识

系统识别, 先进的过程控制 , 最优控制, 控制论与线性代数。

电气工程硕士学位

江南大学 [01/09/2015 - 01/07/2018]

地址: J江苏省无锡市滨湖蠡湖大道1800江南大学 214122

网站: https://english.jiangnan.edu.cn/

研究领域: 电气工程

期末成绩: 总平均成绩 3.6

论文: 基于MRAS的感应电机无传感器矢量控制研究

计算机程序设计, 电机基础和驱动,工程电磁计算智能控制, 电力电子与转换技术, 电气技术原理与

应用, 随机过程,

控制论与线性代数

研讨会I-电气工程前沿学科讲座

研讨会II-GaN基电力电子器件的发展与应用前景

研讨会III-电机控制的太阳能电池发电和应用仿真

汉语水平(HSK4)

南京师范大学 01/09/2014 - 01/07/2015]

地址: China, Jiangsu, Nanjing, Gulou, No.122 Ninghai Road, 210098 Nanjing (China)

网站: http://en.njnu.edu.cn/

电气工程学士学位

吉布提大学[01/09/2011 - 01/06/2014]

地址: G4Q8+7Q5, Balbala, Djibouti, Djibouti (Djibouti)

网站: https://www.univ.edu.dj/

语言能力

母语: 法语 | 阿拉伯语 | 中文 | 英文

数字技能

MatLab / LaTex / LabView / Python / SolidWorks / Microsoft Office / C / Simulink / C++ / PLCs / Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio, Microsoft Outlook

驾驶执照

驾驶执照: B

荣誉与奖项

Outstanding Contribution Award as an Admission Ambassador for 2021

Jiangnan University [01/12/2021]

Write here the description...

Ph.D Outstanding Pandemic Volunteer

Jiangnan University [01/05/2021]

It was a great encouragement to get this exceptional award during my Ph.D study

Link: https://www.linkedin.com/in/kader-ali-ibrahim-56488915a/

Taihu President Scholarship

JiangnanUniversity [28/12/2016]

Write here the description...

Link: https://www.linkedin.com/in/kader-ali-ibrahim-56488915a/

Chinese Government Scholarship

Jiangnan University [01/09/2015]

Write here the description...

Link: https://www.linkedin.com/in/kader-ali-ibrahim-56488915a/

管理和领导技能

Electoral Committee Chairman of Jiangnan University Students Association

Eager to give and volunteer in Jiangnan Since entering school

I have participated in volunteer service activities several times. As long as the students are in need, I will do my best to support them and help them in all aspects. For example, to help hospitalized comrades, I accompany them to a doctor and temporarily put aside research and learning activities; when my compatriots are confronted with illnesses, I become a linguistic communication bridge between students, teachers, doctors, and insurance companies. I am warm and friendly, and I speak four languages fluently (Chinese, English, French, and Arabic). In an emergency, I have a habit of reaching out immediately. I also often discuss volunteer topics with teachers and classmates. From 2017 to 2018, I had the honor of being a member and national representative of the International Student Association of Jiangnan University (JUFSA); from 2018 to 2019, I was also chairman of the JUFSA electoral committee currently recognized as International Students Association Jiangnan University (ISA-JU). In my opinion, doing these things is purely voluntary and benevolent; as Elizabeth Andrew once said: "Volunteers don't necessarily have the time, they have a heart ready to give

Link: https://www.linkedin.com/in/kader-ali-ibrahim-56488915a/

International Student Admissions Ambassador Of Jiangnan University

From 2017 to 2018, I was a country representative and an electoral committee member of JUFSA (currently known as ISA-JU). 2018-2019, I was chairperson of the Electoral Committee of JUFSA, presently known as ISA-JU. Since then, I have personally engaged in several volunteering social activities. 2019-2020, I have helped the international students' community in various aspects whenever called upon. I have excellent performance at the university, with good expression and organization skills. Being friendly, approachable, and a multi-linguist capable of fluently communicating fluently in four international languages, I am always the go-to person in an emergency crisis. I have also accompanied many students to discuss issues with teachers and even professors

Link: https://www.linkedin.com/in/kader-ali-ibrahim-56488915a/

President of Djiboutian Students in China

As a senior student from Djibouti this year 2022, I have been chosen by all Djiboutian students to be their representative. We have created a new platform where anyone can access and get help with all kinds of questions. We contributed and shared our experience with new students. New students can connect with senior students. Interconnecting senior students with junior students so that you feel like you are living with your family.

网络和会员资格 The

World Association of Scientists & Professionals

[North America , 01/06/2016 - Current]

Country Representative

Link: https://twasp.info/scholarship

爱好和兴趣

Readings

Write here the description...

Writing

Learning New Things

Traveling

发表论文

Parameter identification of continuous-time systems

[2023]

Y-Nonlinear Approximation

[2023]

Research on MRAS-based Sensorless Vector Control of Induction Motors

[2018]

Fault-Tolerant Control Strategy for Neutral-Point-Clamped Three-Level Inverter

[2017]

10.1155/2018/5126404

Add a description here...

Sensorless vector control system for permanent magnet synchronous motor

[2017]

会议和研讨会

EURAXESS Mentoring Program Monthly Meeting

[Sofia University, 28/10/2022 - 28/12/2022]

Link: www.euraxess.bg/

Tsinhua University Innovation & Entrepreneurship Program completion

[Tsinghua University, 22/03/2022 - 14/04/2022]

自我评估

Optimistic, Cheerful, and Positive

Easy to adapt to a new environment; a strong sense of responsibility

Strong skills in problem analytical, problem-solving skills, and good team spirit

Strong ability of self-learning, communication

References are available upon request!

Jiangsu Province Wuxi city Binhu District Lihu Avenue 1800 Jangnan , 15/01/202



KADER ALI IBRAHIM



KADER ALI IBRAHIM

Nationality: Djiboutian Date of birth: 06/11/1992 Gender: Male

Care Phone number: (+86) 18652457196

Email address: kader-ali@vip.jiangnan.edu.cn

Skype: kader-china-time@outlook.com WeChat: +8618652457196

QQ: 2185631502

in LinkedIn: https://www.linkedin.com/in/ kader -ali-ibrahim-56488915a

f Facebook: rb.gy/n6whov

O Instagram: https://www.instagram.com/kaderaliibrahim/

ResearchGate: https://www.researchgate.net/profile/ Kader -Ali-Ibrahim

Website: https://kaderaliibrahim.com

Province Wuxi City Binhu District Xue Xin Yuan 93 Building 902, 2141

25 Wuxi (China)

ABOUT ME

I am KADER from Djibouti, I hold a master's degree in Electrical Engineering and currently wrapping up my doctor al studies in Control science and engineering. Over the years I have built divers skills and qualities that would be a match for the project.

I am very positive, quick learner and put love to what I do to have maximum output. I am focus and good at plann ing at work, ensuring the necessary standards are met in every output at work and adaptable. I can work alone an d also good working in a team and a fast learner to new task with my overall goal being contributing to the achiev ement of the company project goals and targets.

I have work experience as an Electrical technician, and have taken various internship programs as well volunteere d to others. I have attained various achievements both at work and academically.

The goal of any company project is result; I am result oriented and look forward to us working together.

WORK EXPERIENCE

Ph.D's Research Project

[01/09/2018 - 01/07/2023]

City: Wuxi

Kader Ali Ibrahim received his B.Sc. degree from the Djibouti University Institute of Technology (Djibouti, Djibouti) in 2014 and his M.Sc. degree from Jiangnan University (Wuxi, China) in 2018. He is currently studying for his Ph.D. degree in the College of Internet of Things Engineering, Jiangnan University (Wuxi, China) since 2018. His current research interests include system identification and system modeling.

In Professor Feng Ding's laboratory, I studied and carried out a research entitled the parameter identification of continuous-time systems. Some of our contributions are as follows.

- The high-order system and its parameter identification of linear time-invariant continuous systems.
- \cdot In order to estimate high-order system parameters, the principle of least squares is used to derive new algorithms.
- \cdot An iterative method based on stochastic gradient is provided to estimate the parameters of a continuous-time system.

• A new recursive least squares algorithm is proposed to improve the accuracy of parameter estimation.

Master's Research Project

[01/09/2015 - 01/07/2018]

City: Wuxi

In Professor Yanxia Shen's laboratory, I conducted research on the direction of power electronics and electric drive, titled "Research on MRAS-based Sensorless Vector Control of Induction Motors". The main contents are as follows:

- · Researched and analyzed the principle and performance of Model Reference Adaptive System (MRAS).
- · The speed identifier of AC motor is designed based on MRAS.
- · A speed sensorless vector control system for AC motors using the designed speed identifier is proposed.
- The MatLab/Simulink platform was used to construct a system simulation model to verify the performance of the speed sensorless control system.

Bachelor's Projects

[01/09/2011 - 01/06/2014]

City: Djibouti **Country:** Djibouti

Bachelor Degree •Djibouti University UD During my undergraduate studies, I did two internships, the first time was at DP World Doraleh. We have been working with engineers. After I finished, we carried out a project on "Green Smart Home" under the guidance of Professor Abdoulkader. We have successfully completed be your tasks and responsibilities.

EDUCATION AND TRAINING

Ph.D. Degree in Control Science and Engineering

Jiangnan University [01/09/2018 – 01/07/2023]

Address: Jiangsu Province Wuxi City Binhu District Lihu Avenue 1800 Jiangnan University, 214122 Wuxi

Website: https://english.jiangnan.edu.cn/

Field(s) of study: Control Science and Engineering

Final grade: CGPA 3.6

Thesis: Parameter identification of Linear Time-Invariant Continuous-Time Systems

System Identification

Advanced Process Control

Optimal Control

Control Theory and Linear Algebra

Master Degree in Electrical Engineering

Jiangnan University [01/09/2015 - 01/07/2018]

Address: Jiangsu Province Wuxi City Binhu District Lihu Avenue, 214122 Wuxi (China)

Website: https://english.jiangnan.edu.cn/
Field(s) of study: Electrical Engineering

Final grade: CGPA 3.6

Thesis: Research on Sensorless Vector Control of Induction Motor Based on MRAS

Basic Chinese I

Basic Chinese II

Design of Computer Programming

Electric Machinery Fundamentals and Drives

Engineering Electromagnetic Computation

Intelligent Control

Power Electronics and Conversion Technology

Principles and Applications of Electrical Engineering

Random Process

Control Theory and Linear Algebra

Seminar I- Lectures on Frontier Discipline of Electrical Engineering

Seminar II-The Development and Applications Prospect of GaN based Power Electronic Devices

Seminar III-Solar Cell Generation and Application Simulation for Electrical Machine Control

Chinese Language Proficiency (HSK4)

Nanjing Normal University [01/09/2014 - 01/07/2015]

Address: China, Jiangsu, Nanjing, Gulou, No.122 Ninghai Road, 210098 Nanjing (China)

Website: http://en.njnu.edu.cn/

Bachelor Degree in Electrical Engineering

[01/09/2011 - 01/06/2014]

Address: G4Q8+7Q5, Balbala, Djibouti, Djibouti (Djibouti)

Website: https://www.univ.edu.dj/

LANGUAGE SKILLS

Mother tongue(s): French | Arabic | Chinese | English

DIGITAL SKILLS

MatLab / LaTex / LabView / Python / SolidWorks / Microsoft/Microsoft Office / C / Simulink / C++ / PLCs / Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio, Microsoft Outlook

DRIVING LICENCE

Driving Licence: B

HONOURS AND AWARDS

Outstanding Contribution Award as an Admission Ambassador for 2021

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Ph.D Outstanding Pandemic Volunteer

Jiangnan University [01/05/2021]

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Chinese Government Scholarship

Jiangnan University [01/09/2015]

Write here the description...

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MANAGEMENT AND LEADERSHIP SKILLS

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Eager to give and volunteer in Jiangnan Since entering school

I have participated in volunteer service activities several times. As long as the students are in need, I will do my best to support them and help them in all aspects. For example, to help hospitalized comrades, I accompany them to a doctor and temporarily put aside research and learning activities; when my compatriots are confronted with illnesses, I become a linguistic communication bridge between students, teachers, doctors, and insurance companies. I am warm and friendly, and I speak four languages fluently (Chinese, English, French, and Arabic). In an emergency, I have a habit of reaching out immediately. I also often discuss volunteer topics with teachers and classmates. From 2017 to 2018, I had the honor of being a member and national representative of the International Student Association of Jiangnan University (JUFSA); from 2018 to 2019, I was also chairman of the JUFSA electoral committee currently recognized as International Students Association Jiangnan University (ISA-JU). In my opinion, doing these things is purely voluntary and benevolent; as Elizabeth Andrew once said: "Volunteers don't necessarily have the time, they have a heart ready to give

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NETWORKS AND MEMBERSHIPS

The World Association of Scientists & Professionals

[North America , 01/06/2016 - Current]

Country Representative

Link: https://twasp.info/scholarship

HOBBIES AND INTERESTS

Readings

Write here the description...

Writing

Learning New Things

Traveling

PUBLICATIONS

Parameter identification of continuous-time systems

[2023]

Y-Nonlinear Approximation

[2023]

Research on MRAS-based Sensorless Vector Control of Induction Motors

[2018]

Fault-Tolerant Control Strategy for Neutral-Point-Clamped Three-Level Inverter

[2017]

10.1155/2018/5126404

Add a description here...

Sensorless vector control system for permanent magnet synchronous motor

[2017]

CONFERENCES AND SEMINARS

EURAXESS Mentoring Program Monthly Meeting

[Sofia University, 28/10/2022 - 28/12/2022]

Link: www.euraxess.bg/

Tsinhua University Innovation & Entrepreneurship Program completion

[Tsinghua University, 22/03/2022 - 14/04/2022]

SELF-ASSESSMENT

Optimistic, Cheerful, and Positive

Easy to adapt to a new environment; a strong sense of responsibility

Strong skills in problem analytical, problem-solving skills, and good team spirit

Strong ability of self-learning, communication

References are available upon request!

Jiangsu Province Wuxi city Binhu District Lihu Avenue 1800 Jangnan , 15/01/202



KADER ALI IBRAHIM



江南大学国际教育学院

地址:中国江苏省无锡市蠡湖大道 1800 号

邮编: 214122

电话: (86)-510-85919507

电子邮件: itsc@jiangnan.edu.cn

OFFICIAL ACADEMIC TRANSCRIPT

Name: KADER ALI IBRAHIM (卡德)

School: Control Science &

Engineering

Nationality: Djibout

Date of Entrance: 2018.09

Date of birth: 1992-11-06

Date of Graduation:

Sex: Male

CSC No.: 2018GBJ027051

DEGREE AWARDED:

Course Title	Total hours	Credits	Score (%)
Basic Chinese(1)	64	2	99
Basic Chinese(2)	64	2	91
Advanced Process Control	32	2	83
Optimal Control	32	2	92
Pattern Recognition	32	2	93
Advances in Artificial Intelligence and Pattern Recognition	32	2	90
Total (Average)	256	12	91

NOTE: This academic transcript is only valid when signed and stamped by the School of International Education, Jiangnan University. The grading systems used are as follows: Percentage system: 0-100, and pass score for course is 60.

Signature:

Stamp/seal.

(Dean of School of International Education)

Date Issued: 2022.10



江南大学国际教育学院

地址: 中国江苏省无锡市蠡湖大道 1800 号

邮编: 214122

电话: (86)-510-85919552 传真: (86)-510-85809610

电子邮件: sie@jiangnan.edu.cn

OFFICIAL ACADEMIC TRANSCRIPT

Name: KADER ALI IBRAHIM (卡德)

Nationality: Djibouti

Date of birth: 1992-11-06

Sex: Male

School: Internet of Things Engineering

Date of Entrance: 2015.09 Date of Graduation: 2018.06

CSC No.: 2014262T07

DEGREE AWARDED: Master of Engineering in Electrical Engineering

Course Title	Total hours	Credits	Score (%)
Basic Chinese (1)	64	2	95
Intelligent Control	24	3	92
Principles and Applications of Electrical Engineering	24	3	80
Seminar 1Lectures on Frontier Discipline of Electrical Engineering	8	1	90
Simulation for Electrical Machine Control System	24	3	95
Seminar 2The development and Application Prospect of GaN based Power Electronic Devices	4	0.5	90
Linear Algebra	24	- 3	87
Power Electronics and Conversion Technology	24	3	95
Electric Machinery Fundamentals and Drives	24	3	95
Basic Chinese (2)	64	2	90
Design of Computer Programming	24	3	
Engineering Electromagnetic Computation	24	3	85
Seminar 3Solor Cell Generation and Application	4	0.5	92
Defense (Research)		0.3	85
Total (Average)	336	30	90

NOTE: This academic transcript is only valid when signed and stamped by the School of International Education, Jiangnan University. The grading systems used are as follows: Percentage system: 0-100, and pass score for course is 60

Signature:

Stamp/seal.....

(Dean of School of International Education)

Date Issued: 2018.06