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# Classified Advertisements

*Positions available, items for sale, services available, and more*

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## NEW JERSEY

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**Princeton University**  
**Program in Applied and Computational Mathematics**  
**Postdoctoral Research Associate**

The Program in Applied and Computational Mathematics invites applications for Postdoctoral Research Associates or more senior to join in research efforts of interest to its faculty. Domains of interest include nonlinear partial differential equations, computational fluid dynamics and material science, dynamical systems, numerical analysis, stochastic problems and stochastic analysis, graph theory and applications, mathematical biology, financial mathematics and mathematical approaches to signal analysis, information theory, and structural biology and image processing. Appointments are made for one year, renewable yearly for up to three years, if funding is available and performance is satisfactory. For details on specific faculty members and their research interests, please go to [https://www.pacm.princeton.edu/sites/default/files/faculty\\_interests2017-18apc\\_0.pdf](https://www.pacm.princeton.edu/sites/default/files/faculty_interests2017-18apc_0.pdf).

Applicants must submit a cover letter, CV, bibliography/publications list, statement of research and three letters of recommendation online at <https://www.mathjobs.org/jobs>. PhD required. This position is subject to the University background check policy. Princeton University is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive

consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law.

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## WISCONSIN

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**University of Wisconsin-Madison**  
**Department of Mathematics**

The Department of Mathematics is accepting applications for a faculty position beginning August 19, 2019 contingent upon budgetary approval. Rank will be as assistant professor (tenure-track) or associate professor (tenured). Area of specialization open. PhD in mathematics or related field required prior to start of appointment. Faculty members are expected to contribute to the research, teaching, and service missions of the department. Appointment with tenure requires evidence of excellence in scholarly research, teaching and service. Candidates for a tenure-track position should exhibit evidence of outstanding research potential, normally including significant contributions beyond the doctoral dissertation. The teaching responsibility is three courses per academic year, including both undergraduate- and graduate-level courses, and a strong commitment to excellence in instruction is also expected. Additional departmental information

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**Suggested uses** for classified advertising are positions available, books or lecture notes for sale, books being sought, exchange or rental of houses, and typing services. The publisher reserves the right to reject any advertising not in keeping with the publication's standards. Acceptance shall not be construed as approval of the accuracy or the legality of any advertising.

**The 2018 rate is** \$3.50 per word with a minimum two-line headline. No discounts for multiple ads or the same ad in consecutive issues. For an additional \$10 charge, announcements can be placed anonymously. Correspondence will be forwarded.

Advertisements in the "Positions Available" classified section will be set with a minimum one-line headline, consisting of the institution name above body copy, unless additional headline copy is specified by the advertiser. Headlines will be centered in boldface at no extra charge. Ads will appear in the language in which they are submitted.

There are no member discounts for classified ads. Dictation over the telephone will not be accepted for classified ads.

**Upcoming deadlines** for classified advertising are as follows: September 2018—June 28, 2018; October 2018—July 27, 2018; November 2018—August 29, 2018; December 2018—September 21, 2018.

**US laws prohibit** discrimination in employment on the basis of color, age, sex, race, religion, or national origin. "Positions Available" advertisements from institutions outside the US cannot be published unless they are accompanied by a statement that the institution does not discriminate on these grounds whether or not it is subject to US laws. Details and specific wording may be found on page 1373 (vol. 44).

**Situations wanted advertisements** from involuntarily unemployed mathematicians are accepted under certain conditions for free publication. Call toll-free 800-321-4AMS (321-4267) in the US and Canada or 401-455-4084 worldwide for further information.

**Submission:** Promotions Department, AMS, P.O. Box 6248, Providence, Rhode Island 02904; or via fax: 401-331-3842; or send email to [classifieds@ams.org](mailto:classifieds@ams.org). AMS location for express delivery packages is 201 Charles Street, Providence, Rhode Island 02904. Advertisers will be billed upon publication.

is available on our website: [www.math.wisc.edu](http://www.math.wisc.edu). An application packet should include a completed AMS Standard Cover Sheet, a curriculum vitae that includes a publication list, and brief descriptions of research and teaching. Application packets should be submitted electronically to [www.mathjobs.org](http://www.mathjobs.org). Arrangements should be made to have three to four letters of recommendation, at least one of which must discuss the applicant's teaching experiences and capabilities and potential, sent to the above url address. To ensure full consideration, application packets must be received by November 1, 2018. Applications will be accepted until the position is filled. The Department of Mathematics is committed to increasing the number of women and under represented individuals. The University of Wisconsin-Madison is an Affirmative Action, Equal Opportunity Employer and encourages applications from women and minorities. Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. Finalists cannot be guaranteed confidentiality. A background check will be required prior to employment.

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## CHINA

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### Southern University of Science and Technology (SUSTech) Faculty Positions of Mathematics The Department of Mathematics

The Department of Mathematics at Southern University of Science and Technology (SUSTech) is founded in 2015 with a dual mission of creating a first-class research and education organization for mathematics and providing service courses in support of other academic departments at SUSTech. We currently have 36 full-time faculty members, including 6 Chair Professors & 7 Full Professors, 3 Associate Professors, 12 Assistant Professors, and 8 teaching faculty members. Research interests of the faculty members cover a broad array of Mathematics including Pure Mathematics, Computational and Applied Mathematics, Probability and Statistics, and Financial Mathematics.

#### Call for Applications

We invite applications for full-time faculty positions at all ranks and in all areas of Mathematics, including Financial Mathematics and Statistics. SUSTech has a tenure system. Qualified candidates may apply for appointments with tenure.

Candidates should have demonstrated excellence in research and a strong commitment to teaching. A doctoral degree is required at the time of appointment. A candidate for a senior position must have an established record of research and teaching, and a track-record in securing external funding.

To apply, please visit [www.mathjobs.org](http://www.mathjobs.org) and look up our job ad for instructions. For an informal discussion about applying to one of our positions, please contact Ms. Xianghui Yu, the Secretary of Department of Mathematics, by phone +86-755-88018703 or email: [yuxh@sustc.edu.cn](mailto:yuxh@sustc.edu.cn).

SUSTech offers competitive salaries, fringe benefits including medical insurance, retirement and housing subsidy, which are among the best in China. Salary and rank will be commensurate with qualifications and experiences of an appointee.

#### About the University

Established in 2012, SUSTech is a public institution funded by Shenzhen, a city with a designated special economic zone status in Southern China bordering Hong Kong. As one of China's key gateways to the world, Shenzhen is the country's fastest-growing city in the past three decades. From a small fishing village 30 years ago to a modern city with a population of over 10 million, the city has become the high-tech and manufacturing hub of southern China. It is home to the world's third-busiest container port and the fourth-busiest airport on the Chinese mainland. Being a picturesque coastal city, Shenzhen is also a popular tourist destination.

SUSTech is a pioneer in higher education reform in China. Its mission is to become a globally recognized institution that excels in research and promotes innovation, creativity and entrepreneur-

ship. Ninety percent of SUSTech faculty members have overseas work experiences, and sixty percent studied or worked in top 100 universities in the world. The languages of instruction are English and Chinese. Sitting on five hundred acres of subtropical woodland with hills, rivers and a natural lake in Nanshan District of Shenzhen, the SUSTech campus is a beautiful place for learning and research.

The prosperity of Shenzhen is built on innovations and entrepreneurship of its citizens. The city has some of China's most successful high-tech companies such as Huawei and Tencent. SUSTech strongly supports innovations and entrepreneurship, and provides funding for promising initiatives. The university encourages candidates with intention and experience on entrepreneurship to apply.

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### Tianjin University, China Tenured/Tenure-Track/Postdoctoral Positions at the Center for Applied Mathematics

Dozens of positions at all levels are available at the recently founded Center for Applied Mathematics, Tianjin University, China. We welcome applicants with backgrounds in pure mathematics, applied mathematics, statistics, computer science, bioinformatics, and other related fields. We also welcome applicants who are interested in practical projects with industries. Despite its name attached with an accent of applied mathematics, we also aim to create a strong presence of pure mathematics. Chinese citizenship is not required.

Light or no teaching load, adequate facilities, spacious office environment and strong research support. We are prepared to make quick and competitive offers to self-motivated hard workers, and to potential stars, rising stars, as well as shining stars.

The Center for Applied Mathematics, also known as the Tianjin Center for Applied Mathematics (TCAM), located by a lake in the central campus in a building protected as historical architecture, is jointly sponsored by the Tianjin municipal government and the university. The initiative to establish this center was taken by Professor S. S. Chern. Professor Molin Ge is the Honorary Director, Professor Zhiming Ma is the Director of the Advisory Board. Professor William Y. C. Chen serves as the Director.

TCAM plans to fill in fifty or more permanent faculty positions in the next few years. In addition, there are a number of temporary and visiting positions. We look forward to receiving your application or inquiry at any time. There are no deadlines.

Please send your resume to [mathjobs@tju.edu.cn](mailto:mathjobs@tju.edu.cn).

For more information, please visit [cam.tju.edu.cn](http://cam.tju.edu.cn) or contact Ms. Erica Liu at [mathjobs@tju.edu.cn](mailto:mathjobs@tju.edu.cn), telephone: 86-22-2740-6039.

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## REPUBLIC OF KOREA

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### Korea Institute for Advanced Study (KIAS) Assistant Professor & Research Fellow in Pure and Applied Mathematics

The School of Mathematics at the Korea Institute for Advanced Study (KIAS) invites applicants for the positions at the level of KIAS Assistant Professor and Postdoctoral Research Fellow in pure and applied mathematics. KIAS, founded in 1996, is committed to the excellence of research in basic sciences (mathematics, theoretical physics, and computational sciences) through high-quality research programs and a strong faculty body consisting of distinguished scientists and visiting scholars.

Applicants are expected to have demonstrated exceptional research potential, including major contributions beyond or through the doctoral dissertation.

The annual salary starts from 50,500,000 Korean Won (approximately US\$45,900 at current exchange rate) for Research Fellows, and 57,500,000 Korean Won for KIAS Assistant Professors,

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respectively. In addition, individual research funds of 10,000,000 ~ 13,000,000 Korean Won are available per year. The initial appointment for the position is for two years and is renewable for up to two additional years, depending on research performance and the needs of the research program at KIAS.

Applications will be reviewed twice a year, May 20 and November 20, and selected applicants will be notified in a month after the review. In exceptional cases, applications can be reviewed other times based on the availability of positions. The starting date of the appointment is negotiable. Applications must include a complete vitae with a cover letter, a list of publications, a research plan, and three letters of recommendation (All documents should be in English).

All should be sent by post or e-mail to:

Ms. Sojung Bae (mathkias@kias.re.kr)  
School of Mathematics

Korea Institute for Advanced Study (KIAS)  
85 Hoegiro (Cheongnyangni-dong 207-43), Dongdaemun-gu,  
Seoul 02455, Republic of Korea

014

## MISCELLANEOUS

### The Remarkably Simple Structure of the $3x + 1$ Function

I will offer any reasonable consulting fee, and/or very generous credit in the Acknowledgments, to a mathematician who helps me prepare a paper with the above title for submission to a journal. I feel I need such help because my degree is in computer science, and for most of my career I have been a researcher in the computer industry.

The paper shows how very much simpler the structure I have discovered is than the structures in the literature.

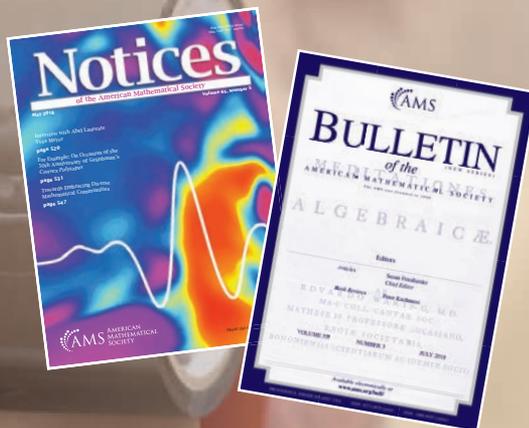
I have received no claims of an error in the paper. Furthermore, a mathematician has recently stated to me that he thinks the paper is correct. It is accessible on [occampress.com](http://occampress.com)

Peter Schorer, peteschorer@gmail.com

013

# MOVING?

Please make sure that the  
*AMS Notices* and *Bulletin* find  
their new home.



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