



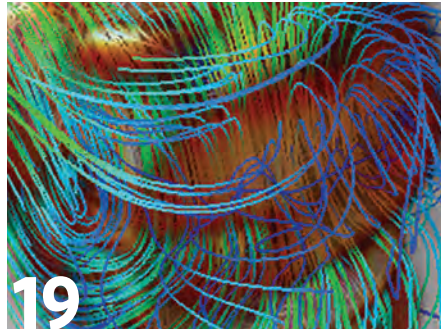
FEATURED



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JMM 2018 Lecture Sampler

Talithia Williams, Gunnar Carlsson, Jill C. Pipher, Federico Ardila, Ruth Charney, Erica Walker, Dana Randall, André Neves, and Ronald E. Mickens



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Taking Mathematics to Heart

Alfio Quarteroni



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Graduate Student Section

Interview with Sharon Arroyo

Conducted by Melinda Lanius

WHAT IS...an Acylindrical Group Action?
by Thomas Koberda

AMS Graduate Student Blog

All of us, wherever we are, can celebrate together here in this issue of *Notices* the San Diego Joint Mathematics Meetings. Our lecture sampler includes for the first time the AMS-MAA-SIAM Hrabowski-Gates-Tapia-McBay Lecture, this year by Talithia Williams on the new PBS series *NOVA Wonders*. After the sampler, other articles describe modeling the heart, Dürer's unfolding problem (which remains open), gerrymandering after the fall Supreme Court decision, a story for Congress about how geometry has advanced MRI, "My Father André Weil" (2018 is the 20th anniversary of his death), and a profile on Donald Knuth and native script by former *Notices* Senior Writer and Deputy Editor Allyn Jackson. It is with some sadness and much appreciation that I report that Allyn, after over 30 years at the AMS, is moving on to other activities. The editors have found it an honor and privilege to work with her and wish her every happiness in whatever lies ahead; don't miss the appreciation on page 58. —*Frank Morgan, Editor-in-Chief*

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Notices

of the American Mathematical Society

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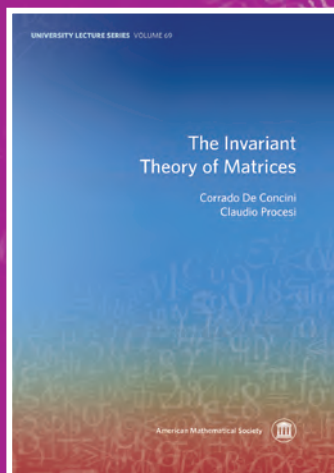
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Corrigendum: In the Journals Backlog Report from the November 2017 issue of *Notices*, the incorrect median time from submission to final acceptance was reported for *Geometriae Dedicata*. The correct time (in months) is 4.4.



The Invariant Theory of Matrices

Corrado De Concini, *Sapienza Università di Roma, Rome, Italy*, and Claudio Procesi, *Sapienza Università di Roma, Rome, Italy*

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