Inside the AMS

AMS Research Journals Archive Is Digitized

The American Mathematical Society (AMS) has established a complete digital archive of its mathematical research journals. Over 34,000 articles are available from more than one hundred years of high-quality mathematical research in *Journal of the AMS*, *Mathematics of Computation*, *Proceedings of the AMS*, *Transactions of the AMS*, and *Bulletin of the AMS*. All back issues, starting with each journal's inaugural issue through 2005, are now freely available in electronic format.

Researchers can browse the contents of each journal to find articles and authors in each volume and issue and can search across the entire archive by journal *or group of journals* at `http://www.ams.org/joursearch/`.

View the abstract, references (with links to MathSciNet), bibliographic information, and Mathematics Subject Classifications for each article or view a PDF of the full article.

Each journal is unique in its offering of articles, book reviews, and reports. AMS journals have consistently been managed by editors highly prominent in their fields. *Journal of the AMS*, founded in 1988 in celebration of the AMS Centennial, maintains the highest standards in mathematical research. Its first editors, Michael Artin, H. Blaine Lawson Jr., Richard Melrose, Wilfried Schmid, and Robert E. Tarjan, along with a distinguished group of associate editors, launched one of the most respected and valued research journals in mathematics.

Mathematics of Computation was founded in 1943 to serve as a clearinghouse for information concerning mathematical tables and other aids to computation. The journal continues to focus on research articles of the highest quality in computational mathematics. Areas covered include numerical analysis; computational discrete mathematics, including number theory, algebra, and combinatorics; and related fields such as stochastic numerical methods. The journal also includes reviews of books in related areas.

Proceedings of the AMS is devoted to research in all areas of pure and applied mathematics and contains significant and peer-reviewed research of interest to mathematicians across many specialties. The entire archive of 18,295 articles, dating from 1950, has been digitized.

Transactions of the AMS, founded in 1900 originally to foster the work of American mathematicians, includes significant and peer-reviewed research—generally lengthier papers—in pure and applied mathematics.
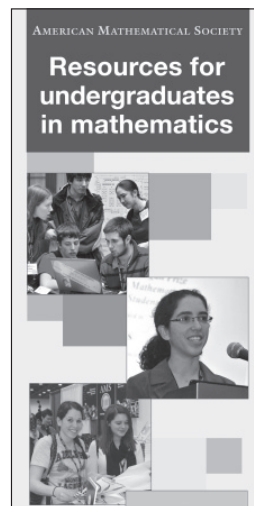
The AMS makes the digitized archive of these important research journals freely available to all mathematicians through the generosity of an anonymous donor.

—Annette Emerson, AMS Public Awareness Officer

From the Public Awareness Office

Resources for Undergraduates in Mathematics

The revised brochure for undergraduate students in mathematics and their advisors points to websites that explore mathematics and provide information on graduate programs and career choices. Individuals, mathematics departments, and math clubs may email `prof-serv@ams.org` to request a maximum of one hundred copies.

Feature Column

Recent columns include "How Did Escher Do It?", by Bill Casselman; "From Pascal's Triangle to the Bell-Shaped Curve", by Tony Phillips; "Mathematics and Sports", by Joe Malkevitch; and "Moving Remy in Harmony: Pixar's Use of Harmonic Functions", by David Austin. The archive and monthly columns are posted at `www.ams.org/featurecolumn`.

—Annette Emerson and Mike Breen
AMS Public Awareness Officers
`paoffice@ams.org`

Deaths of AMS Members

S. F. Barber, from Southbury, CT, died on July 4, 2010. Born on October 25, 1907, he was a member of the Society for 76 years.

John A. Berton, of Ottawa, Kansas, died on March 23, 2010. Born on June 22, 1930, he was a member of the Society for 51 years.

Irving Gerst, professor emeritus, SUNY at Stony Brook, died on May 21, 1995. Born on May 30, 1912, he was a member of the Society for 50 years.

James A. Hummel, of Silver Spring, Maryland, died on June 23, 2010. Born on December 14, 1927, he was a member of the Society for 56 years.

Alan Jeffrey, of Newcastle upon Tyne, England, died on June 6, 2010. Born on July 16, 1929, he was a member of the Society for 40 years.

Svetozar Kurepa, professor emeritus, College of Sciences at the University of Zagreb, died on February 2, 2010. Born on May 25, 1929, she was a member of the Society for 49 years.

Benoy Kumar Lahiri, of West Bengal, India, died on May 26, 2010. Born on June 1, 1932, he was a member of the Society for 17 years.

William F. Lucas, emeritus professor at the Claremont Graduate University, died on June 7, 2010. Born on April 21, 1933, he was a member of the Society for 47 years.

Paul Malliavin, professor emeritus, The Pierre and Marie Curie University, died on June 3, 2010. Born on September 10, 1925, he was a member of the Society for 16 years.

Andrzej Pelczar, of Cracow, Poland, died on May 18, 2010. Born on April 12, 1937, he was a member of the Society for 27 years.

Norman S. Rosenfeld, former dean of Yeshiva College and current incumbent of the Jekuthiel Ginsberg Professor of Mathematics chair, died on January 15, 2010. Born on July 21, 1934, he was a member of the Society for 54 years.

Leo J. Schneider, professor from John Carroll University, died on June 6, 2010. Born on December 1, 1937, he was a member of the Society for 40 years.

Richard P. Stauduhar, from Kailua Kona, Hawaii, died on March 24, 2010. Born on May 28, 1940, he was a member of the Society for 4 years.

Eric A. Sturley, of Edwardsville, Illinois, died on March 23, 2010. He was a member of the Society for 72 years.

Lakey Tolbert, of Birmingham, Alabama, died on June 10, 2010. He was a member of the Society for 5 years.

Barry Young, professor, from Las Cruces, New Mexico, died on May 24, 2010. Born on December 19, 1948, he was a member of the Society for 26 years.

Hidekazu Wada, from Sendai, Japan, died on October 26, 2009. Born on February 24, 1924, he was a member of the Society for 48 years.

Joseph A. Zilber, of Moss Beach, California, died on October 4, 2009. Born on July 27, 1923, he was a member of the Society for 65 years.