$$\text{adj.}\ A = -\frac{\text{Ber}^*\ d_{jj}\ (A_{r_i} \rightarrow r_j)}{(\text{Ber}\ d_{jj}\ (A))}$$

GRADUATE ASSISTANTSHIPS IN

Mathematics AND Statistics

Competitive assistantships with tuition scholarships are available for students interested in pursuing master's or doctoral studies in pure mathematics, applied mathematics and statistics.

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

THE UNIVERSITY OF TOLEDO

For more information, contact:
Dr. Geoffrey Martin
Director of Graduate Studies
geoffrey.martin@utoledo.edu
math.utoledo.edu/for_grad_students.html

Online application is at
utoledo.edu/graduate/prospectivestudents

About the University and Department

The University of Toledo is a national, public research institution welcoming students of all backgrounds and nationalities. Graduate students in mathematics and statistics receive the benefits of studying in a large, science-based research institution and the advantages of a small department that provides a congenial atmosphere with much individual attention.

About Outcomes

Doctoral program graduates are employed in academia, holding positions at institutions such as the University of Houston-Clear Lake, Virginia Commonwealth University and Indiana University South Bend, or in businesses such as Deutsche Bank, J.D. Power and erwin, Inc.

Master's program graduates have matriculated to highly ranked PhD programs at institutions such as the University of Wisconsin-Madison, the University of Notre Dame and Rice University, and have found employment with organizations such as Willis Towers Watson, the U.S. Bureau of Labor Statistics and Progressive Corporation.

About the Surroundings

The University of Toledo is located in Toledo, Ohio, a mid-sized city 100 miles west of Cleveland and 50 miles south of Detroit. Toledo is situated on the banks of the Maumee River and on the shores of Lake Erie in northwest Ohio. A short drive to beaches, lakeside parks and ferry access to popular island destinations, Toledo offers both the cultural amenities of a big city and the close-knit feel of a small town.

Research Faculty

- **Alessandro Arsie** — Dynamical Systems
- **Tian Chen** — Statistics
- **Zeljko Cuckovic** — Operator Theory
- **Alimjon Eshmatov** — Representation Theory
- **Funda Gultepe** — Geometric Group Theory
- **Trieu Le** — Operator Theory
- **Rong Liu** — Statistics
- **Geoffrey Martin** — Differential Geometry
- **Biao Ou** — Partial Differential Equations
- **Sonmez Sahutoglu** — Several Complex Variables
- **Chunhua Shan** — Dynamical Systems
- **Qin Shao** — Statistics
- **Ekaterina Shemyakova** — Differential Geometry
- **Gerard Thompson** — Differential Geometry
- **Akaki Tikaradze** — Noncommutative Algebra
- **Donald White** — Statistics
- **Biao Zhang** - Statistics