Graduate Studies

The Department of Mathematics offers the following postgraduate courses:

- Master's programmes in Pure, Applied, Financial Mathematics, and Scientific Computing.

- PhD degree courses in Analysis, Algebra, Geometry, Graph Theory and Combinatorics, Numerical Analysis, Financial Mathematics, and Optimisation.

- Seamless Direct MSc-PhD programmes in Pure and Applied Mathematics for undergraduate degree holders.
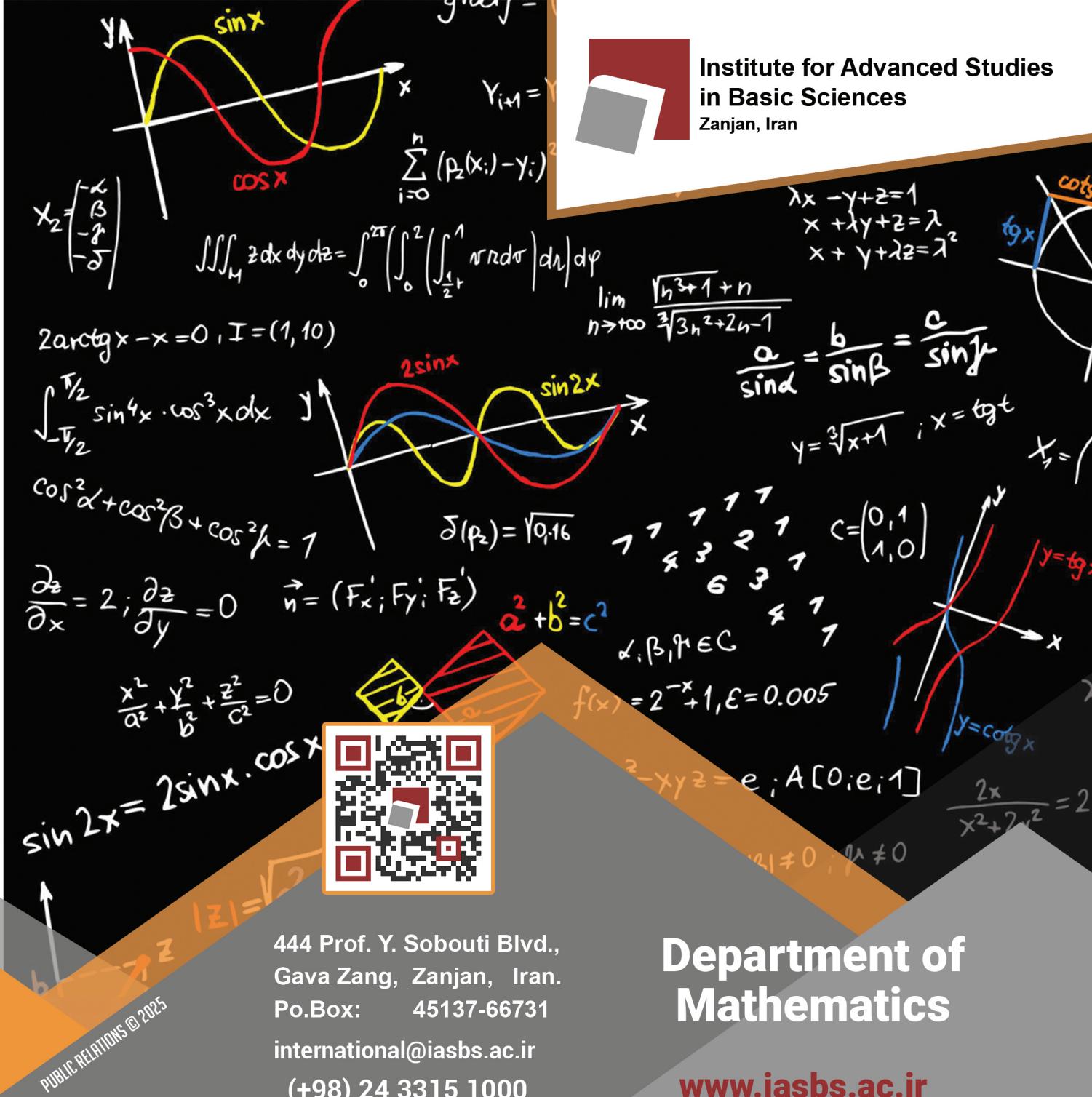
Department Facts

- Since **1994**
- **23** Faculty
- **876** Alumni
- **146** Students

Institute for Advanced Studies in Basic Sciences
Zanjan, Iran

**444 Prof. Y. Sobouti Blvd.,
Gava Zang, Zanjan, Iran.
Po.Box: 45137-66731**

international@iasbs.ac.ir

(+98) 24 3315 1000
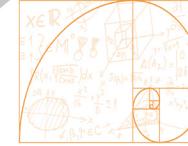
Department of Mathematics

www.iasbs.ac.ir

Departmental **Overview**

The Department of Mathematics at IASBS was established in 1994 when it started to offer MSc degree courses in Pure and Applied Mathematics. The PhD programme began in 2004. The Mathematics Department carries out education and research activities in pure, applied, and financial mathematics. The main aim of the postgraduate courses is to train experts in the mathematical sciences who will be able to carry out research at the international level. The faculty have a research-based outlook working on state-of-the-art topics in mathematics through national and international collaborations.

Areas of **Study**

- Analysis
- Algebra
- Geometry
- Graph Theory and Combinatorics
- Numerical Analysis
- Financial Mathematics
- Optimization
- Cryptography and Code

Head of the Department:
Dr. Ali Akbar Yazdan Pour
math.info@iasbs.ac.ir

Research **Facilities**

The Mathematics Department offers a supportive academic environment with the following facilities:

- **Computing Lab** – Equipped for both teaching and research purposes.

- **Analytical Facilities** – Access to specialized tools in other departments.

- **Student Resources** – Office space, computer access, internet services, and meeting rooms.

- **Financial Aid** – Support for attending national and international events; scholarships for outstanding students.

- **Assistantships** – Opportunities for teaching and research assistant roles.