

Curriculum Vitæ

Leila Khatami

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Career

DEPARTMENT OF MATHEMATICS, HARVARD UNIVERSITY. Visiting Scholar, October 2006–June 2007.

THE ABDUS SALAM INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS (ICTP), Trieste, Italy. Visiting Fellow 2004–05.

UNIVERSITÉ PARIS 7, Paris, France. Maître de conférences invitée, June 14–July 13, 2004.

THE ABDUS SALAM ICTP, Trieste, Italy. Postdoctoral Fellow, 2004.

SHARIF UNIVERSITY OF TECHNOLOGY, Tehran, Iran. Assistant Professor 2003–2004.

Education

UNIVERSITY OF TEHRAN, Tehran, Iran. Ph.D. in Mathematics, February 2003.
M.S. in Mathematics, June 1999.

SHARIF UNIVERSITY OF TECHNOLOGY, Tehran, Iran. B.S. in Mathematics, June 1997.

Research Experience

Interests: **Commutative Algebra**, Homological Algebra and Algebraic Geometry.

Ph.D. Dissertation Subject: Gorenstein Dimensions.

Advisor: Siamak Yassemi.

PAPERS:

- **A Bass formula for Gorenstein injective dimension** (with S. Yassemi), to appear in *Comm. Algebra*.
- Cohen-Macaulayness of tensor products (with S. Yassemi), *Rocky Mountain J. Math.* **34** (2004), no. 1, 205–213.
- Gorenstein injective and flat dimensions under base change (with S. Yassemi), *Comm. Algebra* **31** (2003), no. 2, 991–1005.

- A generalization of the grade of a module (with T. Sharif and S. Yassemi), *Algebra Colloq.* **9** (2002), no. 3, 265–270.
- Grade and Gorenstein dimension (with T. Sharif and S. Yassemi), *Comm. Algebra* **29** (2001), no. 11, 5085–5094.

PREPRINT:

- *A note on Gorenstein injective dimension.*

SELECTED TALKS:

- **Universität GHS-Essen**, Germany. October 2005.
- **Universität Osnabrück**, Germany. October 2005.
- *Minnnowbrook Workshop on Commutative Algebra*, The Minnowbrook Adirondack Conference Center (owned by Syracuse University), NY, USA. August 2005.
- **The Abdus Salam ICTP**, Trieste, Italy. May 2004.
- *Math Dissemination Program* organized by the Iranian Mathematical Society for high school students, Tehran, Iran. November 2003. *Invited*
- *Iran's 15th Algebra Conference*, **University of Guilan**, Rasht, Iran. July 2003. *Invited*
- **Institute for Advanced Studies in Basic Sciences**, Gava Zang, Zanjan, Iran. June 2003. *Invited*
- **Sharif University of Technology**, Tehran, Iran. April 2003.
- *Current Trends in Commutative Algebra*, Centro Internazionale di Ricerca Matematica (CIRM), Levico, Italy. June 2002. *Informal*
- *Workshop on Homological Methods in Commutative Algebra*, **Institute for Studies in Theoretical Physics and Mathematics (IPM)**, Tehran, Iran. May 2002.

Teaching Experience

As assistant professor at **Sharif University of Technology**.

- Introduction to Linear Algebra (for engineering students), Fall 2003.
- Homological algebra, Fall 2003.
- Linear Algebra, Spring 2003.

As instructor at **University of Tehran**.

- Algebra III, Spring 2002 and Spring 2001. (A course on Sylow's theorems and rudiments of the theory of rings and modules.)
- Algebra II, Spring 2000. (A course on Galois theory.)

As teaching Assistant.

Responsibilities include solving problems for classes of about 15. Different undergraduate algebra courses (I, II, III).

Languages:

Persian (native), English (fluent), French (fluent), Arabic (fair in reading), Italian (fair).

References

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