

# Résumé

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Birth March, 1972, Khomeinishahr, Iran.

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### 1 Education beyond secondary school

Isfahan University of Technology, Isfahan  
June, 1994  
B.Sc. Mathematics

Isfahan University of Technology, Isfahan  
June, 1996  
M.Sc. Mathematics

Institute for Studies in Theoretical Physics and Mathematics, Tehran

Ph.D. Adviser: M. Ardeshir

### 2 Teaching experience

1. Isfahan University of Technology, Isfahan, Lecturer, Since Fall Spring 2000,
2. Sharif University of Technology, Tehran, Lecturer, , Spring 1998,
3. Sharif University of Technology, Tehran, Teaching Assistant , Spring 1997.

### 3 Awards, Fellowship, and Research awards

1. Institute for Studies in Theoretical Physics and Mathematics, Tehran, Research Assistantship, since Fall 1999,
2. Institute for Studies in Theoretical Physics and Mathematics, Tehran, Tuition Fellowship, since Fall 1996,
3. Second place standing in master of science students, Isfahan university of technology, 1996,
4. Third place standing (in mathematical analysis) in Iranian Mathematical Society's Competition, held each year amongst outstanding undergraduate students of Mathematics, Spring 1994.

## 4 Publications

1. (with M. Ardeshir) A Gentzen Style Axiomatization for Basic Predicate Calculus, Archive for Mathematical Logic, 42, 245-259(2003),
2. (with M. Ardeshir) Gentzen Style Axiomatizations for some Conservative Extensions of Basic Propositional Calculus, Studia Logica, 68(2), 263-285, July 2001,
3. (with M. Ardeshir) A Bounded Translation of Intuitionistic Propositional Logic into Basic Propositional Logic, Mathematical Logic Quarterly, 46(2000),199-205.

## 5 Theses

1. Gentzen Style Axiomatizations for some Conservative Extensions of Basic Propositional Calculus , PhD Thesis, Institute for Studies in Theoretical Physics and Mathematics, Tehran, June 2000.
2. Coherence theorems via knot theory, Master Thesis, Department of Mathematics, Isfahan University of Tecnology, Isfahan, Sep. 1996 (Farsi).

## 6 Talks

### 6.1 Conferences

1. Lambda Calculus for Basic Propositional Calculus, Logic Colloquium 2004, Torino, Italy , Summer 2004,
2. Proof Theory, Workshop of Mathematical Logic, Isfahan University of Technology,Isfahan, Iran, Spring 2004,
3. A Gentzen Style Axiomatization for Basic Predicate Calculus, 34th Iranian Mathematics Conference, Shahrood, Iran, August 2003,
4. Gentzen Style Axiomatizations for some Conservative Extensions of Basic Propositional Calculus, Logic Colloquium 2000, Paris, Summer 2000,
5. Gentzen Style Axiomatizations and Interpolation Theorems for Basic Predicate logic, Logic Colloquium 2001, Vienna, Austria, Summer 2000,
6. A Gentzen Style Axiomatization for Basic Predicate Calculus, Logic Colloquium 2000, Paris, France, Summer 2000,( with M. Ardeshir)
7. Pithagorian Numbers, The First Seminar on the Philosophy of Mathematics in Iran, Shahid Beheshti University, Iran, Fall 2001.

### 6.2 Others

1. Motivations of basic logic, Utrecht university, The Netherlands, Spring 2004,
2. Axiomatizations of Basic Logic, Utrecht university, The Netherlands, Spring 2004,
3. Basic Logic and its Axiomatizations, Tarbiat Modarres University, Tehran, Summer 2004,
4. Lambda Calculus for Basic Propositional Calculus, Logic Group's Seminars, Institute for Studies in Theoretical Physics and Mathematics, Tehran, Spring 2004,
5. Gentzen Style Axiomatizations For Dummett Logic , Logic Group's Seminars, Institute for Studies in Theoretical Physics and Mathematics, Tehran, Fall 1999.

6. Gentzen Style Axiomatizations and Basic Logic , Department of Mathematics, Isfahan University of Technology, Fall 1999.
7. Cut Elimination for Basic Propositional Calculus , Logic Group's Seminars, Institute for Studies in Theoretical Physics and Mathematics, Tehran, Spring 1999.
8. A Bounded Translation from Intuitionistic Propositional Calculus into Basic Propositional Calculus, Logic Group's Seminars, Institute for Studies in Theoretical Physics and Mathematics, Tehran, Fall 1998.
9. The Liar Paradox , Logic Group's Seminars, Institute for Studies in Theoretical Physics and Mathematics, Tehran, Fall 1997.
10. Coherence Theorems via Knot Theory , Department of Mathematics, Isfahan University of Technology, Fall 1996.