

Sebastian Ben Daniel

Curriculum Vitae

Ben Gurion University, Beer Sheva
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Education

- 2008–present **Ph.D Student**,
Computer Science at Ben Gurion University, Beer Sheva, Israel.
- 2005–2007 **M.Sc Degree**,
Computer Science at Ben Gurion University, Beer Sheva, Israel.
- 2002–2005 **B.Sc Degree**,
Computer Science at Ben Gurion University, Beer Sheva, Israel.

Master thesis

- Title $\omega + 1$ Initial Segment of the Turing Degrees and Double Jump Inversion
- Supervisor Prof. Uri Abraham
- Description Study of embedability properties of initial segments of the Turing Degrees. Such results were proved to be useful in answering questions regarding decidability of theories, and their complexity when undecidable.

Research Interests

- Computational Complexity Theory.
- Communication Complexity.
- Recursion Theory.

Publications

Amos Beimel, Sebastian Ben Daniel, Eyal Kushilevitz and Einav Weinreb.
Choosing, Agreeing, and Eliminating in Communication Complexity. International Colloquium on Automata, Languages, and Programming (ICALP'10)

Teaching Experience

- 2010–spring **Teaching Assistant**, Data Structures, Ben Gurion University.
- 2009–fall **Teaching Assistant**, Automata and Formal Languages, Ben Gurion University.
- 2009–spring **Teaching Assistant**, Data Structures, Ben Gurion University.
- 2008–fall **Teaching Assistant**, Automata and Formal Languages, Ben Gurion University.
- 2008–spring **Teaching Assistant**, Data Structures, Ben Gurion University.
- 2007–fall **Teaching Assistant**, Compiler Principles, Ben Gurion University.
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