

Dr. IDITH SEGEV

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Education

- 2011** **THE HEBREW UNIVERSITY OF JERUSALEM** **JERUSALEM, ISRAEL**
Ph.D. in Mathematics and Music
Dissertation: Significant Hidden Occurrence in Even Musical Textures – Mainly by J.S. Bach, Using Mathematical Tools.
Advisors: Joint supervision for this interdisciplinary Ph.D. by Prof. Dalia Cohen of The Hebrew University of Jerusalem (music) and Prof. Eliezer Rowen of Bar-Ilan University (mathematics)
Academic obligations – completed with distinction (coursework mainly in mathematics and partially in music, with a GPA of 96.4).
- 2006** **WEIZMANN INSTITUTE OF SCIENCE** **REHOVOT, ISRAEL**
Master of Science in Mathematics
GPA: 94.1
Advisor: Prof. Victor Katsnelson
Thesis: The Hawaiian Conjecture
- Teaching assistant for 2 courses of Prof. Victor Katsnelson: Differential Geometry and Topology.
 - Proofread book manuscript for Prof. Harry Dym.
- 1971** **THE HEBREW UNIVERSITY OF JERUSALEM** **JERUSALEM, ISRAEL**
Bachelor of Science in Mathematics and Physics
Attended University under the Israeli Defense Force's *Atuda* program, under which individuals may complete their university studies prior to their military service.
- 1977** **THE RUBIN ACADEMY OF MUSIC** **JERUSALEM, ISRAEL**
Performance Certificate, Piano

Employment

- 2011** **Bar – Ilan University**
Teaching Math. to gifted youngsters.
- 2007-2011** **BLICH HIGH SCHOOL** **RAMAT GAN, ISRAEL**
Mathematics Teacher
2001-2003 Teach five-credit (most rigorous) mathematics course to university-bound students in preparation for the *Bagrut* national college entrance examinations.
Held a Math. Quiz for 3 years.
- 1995-2001** **BEGIN HIGH SCHOOL** **EILAT, ISRAEL**
Head of Music Department
Published a music book for high-school pupils.

1970-1995

PROFESSIONAL PIANIST

- Recorded for the radio and performed chamber concerts with the leading artists in Israel.
- Participated in master classes with world renowned pianists such as Claude Frank, Menachem Pressler, Leon Fleischer and others.
- Invited by Leon Fleischer to study piano under his supervision at the piano department of the Peabody Institute of the Johns Hopkins University.
- Taught piano privately.

1970-1975

THE RUBIN ACADEMY OF MUSIC

JERUSALEM, ISRAEL

Mathematics and Physics Teacher

Awards

Offered a scholarship by eminent nuclear physicist Prof. Amos de Shalit to study physics at CERN in Switzerland.

Publications

Segev, Idith and Cohen, Dalia: 'Significant Occurrence in Even Musical Texture in Bach's Preludes. A Study Using Mathematical Tools ', *in Proceedings of the 14th Biennial International Conference on Baroque Music, Queen's University Belfast, July 2010*