

Marat Spector

Personal Details

Name: Marat Spector
Born: May 30, 1980, Ukraine
Compulsory Military Service: October 1998 - October 2001

Contact Information

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Education

Ph.D., Physics 2011

Department of Physics, Ben-Gurion University of the Negev, Beer-Sheva, Israel

- Advisor: Prof. Daniel Rich
- Area of Study: Optical and structural properties of Quantum Nanostructures

M.Sc., Physics 2007 to 2010

Department of Physics, Ben-Gurion University of the Negev, Beer-Sheva, Israel

- Advisor: Prof. Reuven Shuker, Dr. Vladimir Sokolovsky
- Area of Study: Ac losses in superconductors under non-sinusoidal conditions

B.Sc., Physics 2001 to 2005

Department of Physics, Ben-Gurion University of the Negev, Beer-Sheva, Israel

Employment History

Teaching assistant October 2007

Ben-Gurion University of the Negev, Israel

- Physics 1, Physics 2,

Teaching Assistant August 2006 to October 2007

Sami-Shamoon College Ashdod, Israel

- Physics 1, Physics 2

Service Technician February 2004 to February 2005

Tel-Tiv Company Ltd, Israel

- TV, VCD, Lcd technician

Publications

V.Sokolovsky, V.Meerovich, M.Spector, G. Levin and I. Vajda, Losses in superconductors under non-sinusoidal currents and magnetic fields, IEEE. Trans. Appl. Supercond. 95, 1051-8233 (2009). IF-1.314, JR-Q2

G.Furman, M.Spector, V.Meerovich, V.Sokolovsky, Losses in coated conductors under non-sinusoidal currents and magnetic fields, J. Supercon. Novel. magnet. (2011) 3 (7), 10948-010-0878-6 (2011). IF-1.034, JR-Q2

Future publications

M.Spector,V.sokolovsky,V.Meerovich,L.Prigozhin , AC losses in thin coated conductors under non-sinusoidal conditions., Supercond. Science and Technology, 2012, v. 25, 025008, IF-2.64, JR-Q1.

M.Spector, K.Simonov , Losses in multifilamentary coated conductors, Physica C 21, (2011). (In Press). IF-1.407, JR-Q2.

Conferences

V.Sokolovsky ,V.Meerovich ,M.Spector, G. Levin and I. Vajda, Losses in superconductors under non- sinusoidal Currents and Magnetic fields , Applied Superconductivity Conference-2008 95, ASC-2008, Aug 17-22 ,Chicago, Illinois USA. Oral presentation by V.Sokolovsky.

G.Furman, M.Spector, V.Meerovich, V.Sokolovsky, Losses in coated conductors under non-sinusoidal currents and magnetic fields , International Conference on Superconductivity and Magnetism-2010 95, ICSM-2010, April 25-30 ,Antalya, Turkey. Oral presentation by V.Sokolovsky.

Languages

English, Hebrew, Russian