Atoyan Sergey Mher

Education

Institution	Yerevan State University
Faculty	Faculty of Physics, Department of Solid State Physics,
Date	2001 - 2005
Degree name	PhD student

Institution	Yerevan State University
Faculty	Faculty of Physics, Department of Solid State Physics
Date	1999 - 2001
Degree name	Masters

Institution	Ijevan Branch of Yerevan State University
Faculty	The Faculty of Natural Sciences
Date	1993 - 1999
Degree name	Bachelor

Scientific Rank/degree

Institution	Yerevan State University
Date	2017
Degree name	Associate professor
Specialty	Physico-mathematical sciences

Institution	Yerevan State University
Date	2005
Degree name	Candidate
Specialty	Physico-mathematical sciences
Scientific Supervisor	Prof. E.M. Kazaryan
Research Topic	The theoretical study of interband optical absorption in the quantized semiconductor nanostructures

Language skills

Հայերեն Русский English

Publications

Article

Interband absorption and excitonic states in narrow band InSb spherical quantum dots
M.S. Atoyan, E.M. Kazaryan, B.Zh. Poghosyan, H.A. Sarkisyan

Physica E Low-dimensional Systems and Nanostructures 2011 1592 - 1596

https://doi.org/10.1016/j.physe.2011.04.023

Article

Interband light absorption in parabolic quantum dot in the presence of electrical and magnetic fields
M.S. Atoyan, E.M. Kazaryan, H.A. Sarkisyan

Physica E Low-dimensional Systems and Nanostructures 2006 83 - 85

https://doi.org/10.1016/j.physe.2005.10.008

Article

Absorption coefficient of size-quantized A3B5 semiconductor film with dislocations
M.S. Atoyan, H.A. Sarkisyan

Physica B Condensed Matter 2004 241 - 246

https://doi.org/10.1016/j.physb.2004.07.017

Article

Direct interband light absorption in a cylindrical quantum dot in quantizing magnetic field
M.S. Atoyan, E.M. Kazaryan, H.A. Sarkisyan

Physica E Low-dimensional Systems and Nanostructures 2004 860 - 866

https://doi.org/10.1016/j.physe.2003.09.042
