

# Tigran Nerses Harutyunyan

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## Faculty of Mathematics and Mechanics

Ֆունկցիաների տեսության և դիֆերենցիալ հավասարումների ամբիոն  
Professor

### Education

Institution	YSU
Faculty	Mechanics and Mathematics
Date	1966 - 1971
Degree name	Qualified specialist

### Scientific Rank/degree

Institution	YSU
Date	2014
Degree name	Professor
Specialty	Physico-mathematical sciences

Institution	YSU
Date	2010
Degree name	Doctor
Specialty	Physico-mathematical sciences
Research Topic	Eigenvalues functions of Sturm-Liouville and Dirac operators

Institution	Institute of mathematics NASRA
Date	1978
Degree name	Candidate
Specialty	Physico-mathematical sciences
Scientific Supervisor	Anatoli Kostyuchenko
Research Topic	Asimptotics of the spectra of Dirac operators

### Language skills

Հայերեն Русский English Français

### Publications

Article  
**Uniqueness theorem for the Eigenvalues function.**  
T. Harutyunyan

*Article*

**The eigenvalues function of the family of Sturm-Liouville operators and the inverse problems**

TIGRAN HARUTYUNYAN

TAMKANG JOURNAL OF MATHEMATICS 2019 233-252

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*Article*

**The uniqueness theorems in the inverse problems for Dirac operators**

T.N.Harutyunyan

Lobachevskii Journal of Mathematics 2019 1489-1497

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*Article*

**INVERSE STURM-LIOUVILLE PROBLEMS WITH SUMMABLE POTENTIAL**

TIGRAN N. HARUTYUNYAN, YURI A. ASHRAFYAN

Mathematical Inverse Problems 2018 35-45

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*Article*

**Isospectral Dirac operators**

Yuri Ashrafyan, Tigran Harutyunyan

Electronic Journal of Qualitative Theory of Differential Equations 2017 1-9

<http://www.math.u-szeged.hu/ejqtde/>

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*Article*

**Gradient of eigenvalues of Dirac operators and its applications**

Tigran Harutyunyan, Yuri Ashrafyan

Mathematical Inverse Problems 2017 12-24

<http://mip.apacific.org/>

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*Article*

**Dirac operator with linear potential and its perturbations**

YU.A. Ashrafyan, T.N. Harutyunyan

Mathematical Inverse Problems 2016 12-25

<http://mip.apacific.org/>

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*Article*

**Asymptotics of the eigenvalues of Sturm-Liouville problem**

T.N. Harutyunyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2016 173-181

<http://www.allertonpress.com/journals/sam.htm>

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*Article*

**On the norming constants of the Sturm-Liouville problem**

Harutyunyan T., Pahlevanyan A.

Вестник Казанского государственного энергетического университета 2016 7-26

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*Article*

**On the theorem of Ambarzumian for Dirac system**

T.N. Harutyunyan

*Article*

**Inverse Sturm-Liouville Problems with Fixed Boundary Conditions**

Yuri Ashrafyan, Tigran Harutyunyan

Electronic Journal of Differential Equations 2015 1-8

<http://ejde.math.txstate.edu/>

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*Conference*

**The eigenvalues function and the inverse Sturm-Liouville problems**

Tigran Harutyunyan

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*Conference*

**The spectral theory of the family of Sturm-Liouville operators**

Tigran Harutyunyan

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*Conference*

**About an approach in spectral theory**

Tigran Harutyunyan

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