

# Lusine Edgar Budaghyan

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## Faculty of Informatics and Applied Mathematics

Chair of Programming and Information Technologies

Assistant

## Education

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<b>Institution</b>	Lomonosov Moscow State University
<b>Faculty</b>	The Faculty of Computational Mathematics and Cybernetics of Moscow State University
<b>Date</b>	2005 - 2006
<b>Degree name</b>	Applicant

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<b>Institution</b>	Yerevan State Univesity
<b>Faculty</b>	Faculty of Informatics and Applied Mathematics
<b>Date</b>	1995 - 1999
<b>Degree name</b>	PhD student

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<b>Institution</b>	Yerevan State Univesity
<b>Faculty</b>	Faculty of Informatics and Applied Mathematics
<b>Date</b>	1990 - 1995
<b>Degree name</b>	Qualified specialist

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## Scientific Rank/degree

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<b>Institution</b>	Lomonosov Moscow State University
<b>Date</b>	2006
<b>Degree name</b>	Candidate
<b>Specialty</b>	Physico-mathematical sciences
<b>Scientific Supervisor</b>	Nigyan Semyon Alexander
<b>Research Topic</b>	ON THE INTERPRETATION OF STRON TYPED FUNCTIONAL PROGRAMS

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## Language skills

Русский English

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## Work experience

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<b>Institution</b>	YSU
<b>Period of time</b>	2001 till now

Rank/degree	assistant
Institution	YSU
Period of time	1995 - 2001
Rank/degree	Lecturer

## Scientific interests

- Functional Programming
- Lambda calculus
- Theory of Algorithms
- Database
- Data science

## Participation in international conferences and seminars

<b>18/12/1996 - 20/12/1996</b>	Scientific session of the Union of Armenian Mathematicians and the Institute of Mathematics of the National Academy of Sciences of the Republic of Armenia dedicated to Artashes Shahinyan's 90th birthday Union of Armenian Mathematicians and the Institute of Mathematics of the National Academy of Sciences of the Republic of Armenia Armenia
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## Publications

*Article*

### **A NECESSARY AND SUFFICIENT CONDITION FOR THE UNIQUENESS OF $\beta\delta$ -NORMAL FORM OF TYPED $\lambda$ -TERMS FOR THE CANONICAL NOTION OF $\delta$ -REDUCTION**

L. E. Budaghyan, D. A. Grigoryan, L. H. Torosyan

Proceedings of the YSU A. Physical and Mathematical Sciences 2019 28-36

*Article*

### **Об алгоритмах интерпретации строго типизированных функциональных программ.**

Нигиян С.А., Акопян Р.Ю., Будагян Л.Э.

Сборник научных статей. Годичная научная конференция (3 – 7 декабря 2007 г.). Физико-математические и естественные науки.

2008 172-179

*Manual*

### **Պրագրավորման ֆունկցիոնալ համակարգեր**

Նիգիյան Ս.Ա., Բուդաղյան Լ.Է.

2006 60

*Article*

### **A Necessary and sufficient condition of completeness of computation rule for strong typed functional programs.**

L. Budaghyan  
Computer Science and Information Technologies 2005 16-19

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*Article*

**О формализации понятия  $\delta$ -редукции в монотонных моделях типового  $\lambda$ -исчисления.**

Л.Э Будагян

ԵՊՀ գիտական տեղեկագիր, Բնական գիտություններ 2003 27-36

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*Article*

**On  $\delta$ -Reduction in monotonic models of typed  $\lambda$ -calculus.**

Budaghyan L. E

Computer Science and Information Technologies 2003 65-67

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*Article*

**Formalizing the notion of  $\delta$ -reduction in monotonic models of typed  $\lambda$ -calculus.**

L.E. Budaghyan

Algebra, Geometry & Their Applications 2002 48-57

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*Article*

**Правила вычисления главной функции наименьшего решения для одного класса систем рекурсивных уравнений.**

С.А. Нигиян, Л.Э Будагян

ՀՀ ԳԱԱ զեկույցներ 1999 197-203

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*Article*

**On execution of functional programs.**

Semyon A.Nigiyanyan, Lusine E. Budaghyan

Computer Science and Information Technologies 1999 33-35

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