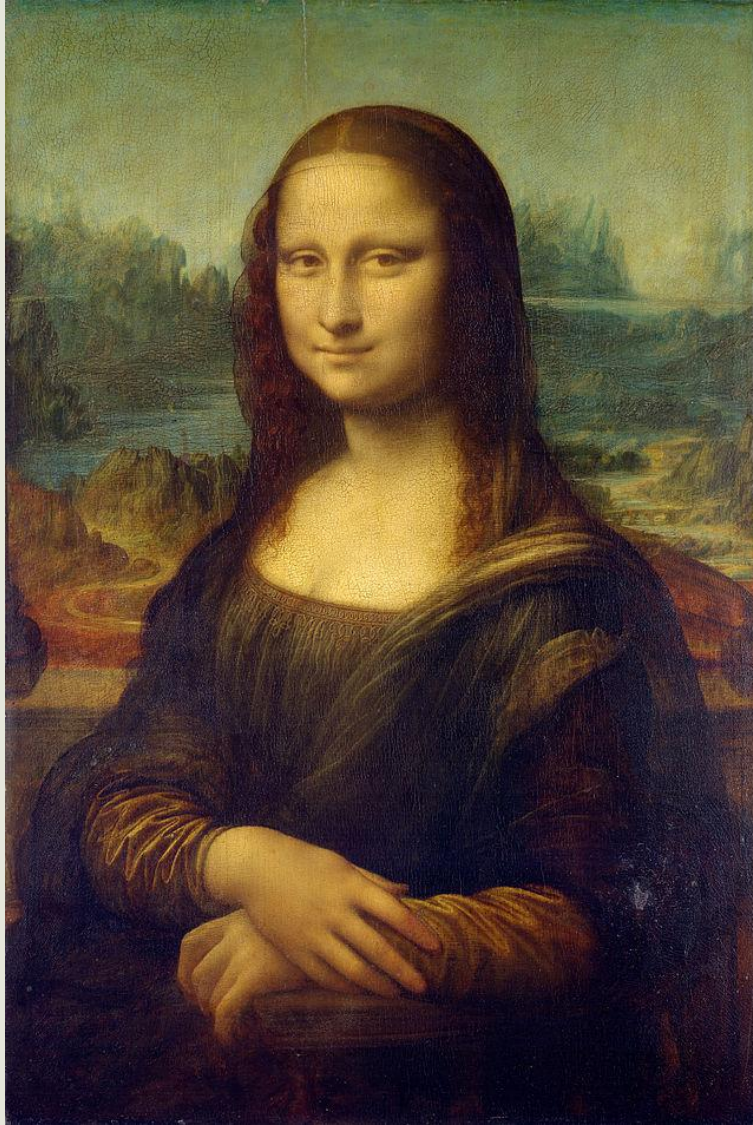




Applied Mathematics:

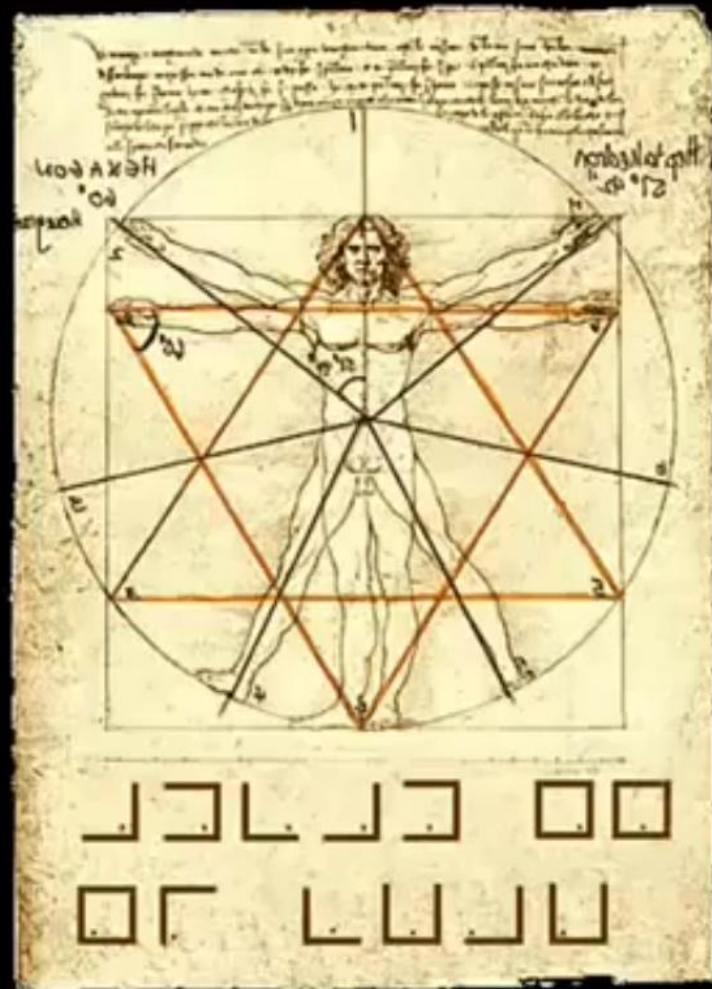
The History Of Big Science



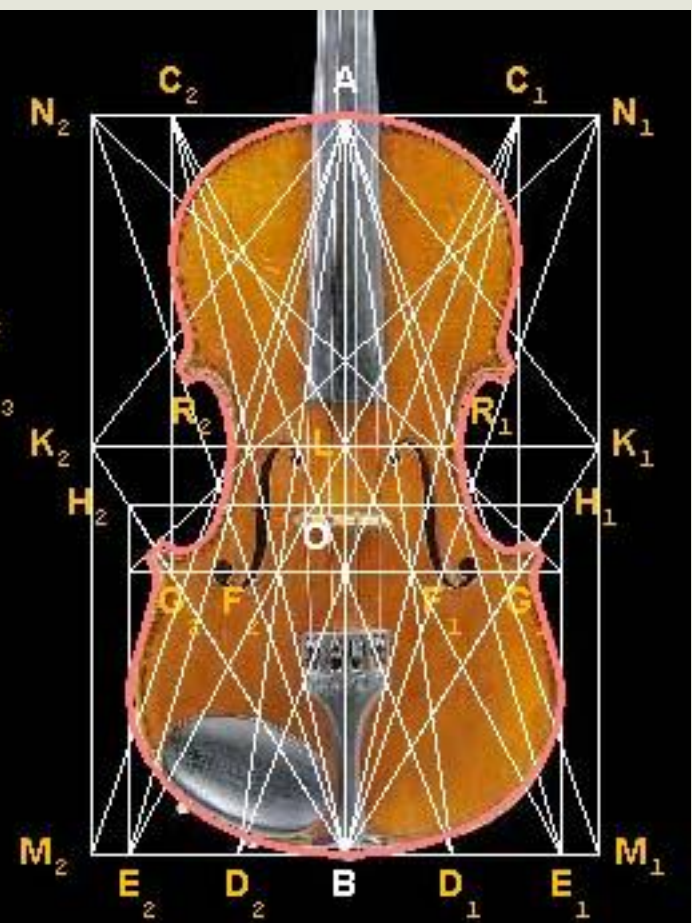








$$\begin{aligned}
 OA &= AB(0,618) \\
 OB &= AB(0,618)^2 \\
 OA + OB &= AB = H_{\text{скрышки}} \\
 AC_1 &= OB(0,618) \\
 AC_2 &= AC_1 = AB(0,618)^3 \\
 E_1 E_2 &= 4AB(0,618)^4 \\
 R_1 R_2 &= AB(0,618)/2
 \end{aligned}$$



Agenda

- Facts and Figures
- Area of Interests
- Our Laboratory
- Our Achievements
- Scientific Cooperation
- Career Opportunities

Department of Applied Mathematics and Computer Science: People Which Brings Study To Life



N. Petruhin

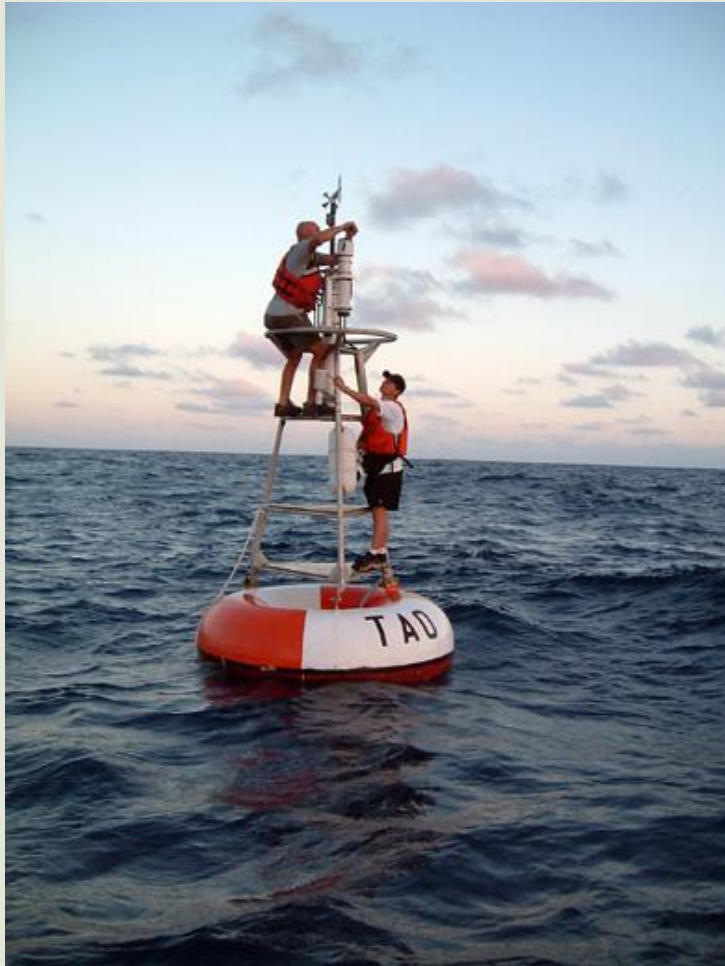


S. Mityakov



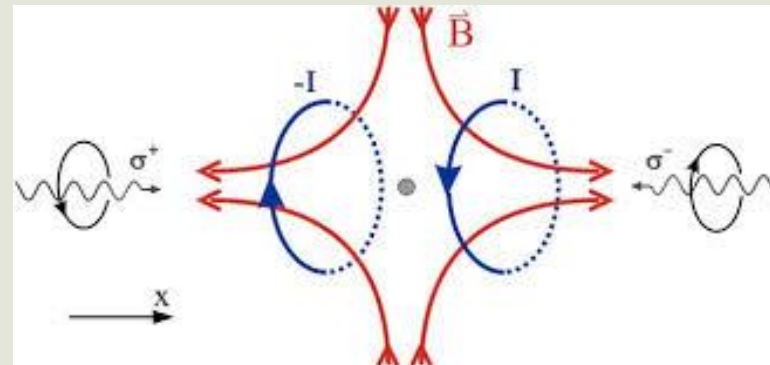
A. Kurkin

Area of Interests



Handwritten mathematical notes on a piece of paper, including:

- $10i$
- (b) $\frac{3\sqrt{3}}{2} - \frac{3}{2}i$
- $\sqrt{2} + 16\sqrt{2}i$
- $+ 1.286i, -1.879 + 0.6840i,$
- $\approx 1034 \text{ cis } 156^\circ 09'.$
- $\approx 0.06 \approx 0.0599640065.$
- $1 - \frac{(ix)^2}{2!} + \frac{(ix)^4}{4!} - \frac{(ix)^6}{6!} +$



Disasters: Knowledge That Can Save Lives



ЛАБОРАТОРИЯ
МОДЕЛИРОВАНИЯ
ПРИРОДНЫХ И ТЕХНОГЕННЫХ
КАТАСТРОФ

Laboratory of Modeling Natural and Technological Disasters



- powerful computers;
- cluster and server;
- comfortable work places;

ЛАБОРАТОРИЯ
МОДЕЛИРОВАНИЯ
ПРИРОДНЫХ И ТЕХНОГЕННЫХ
КАТАСТРОФ

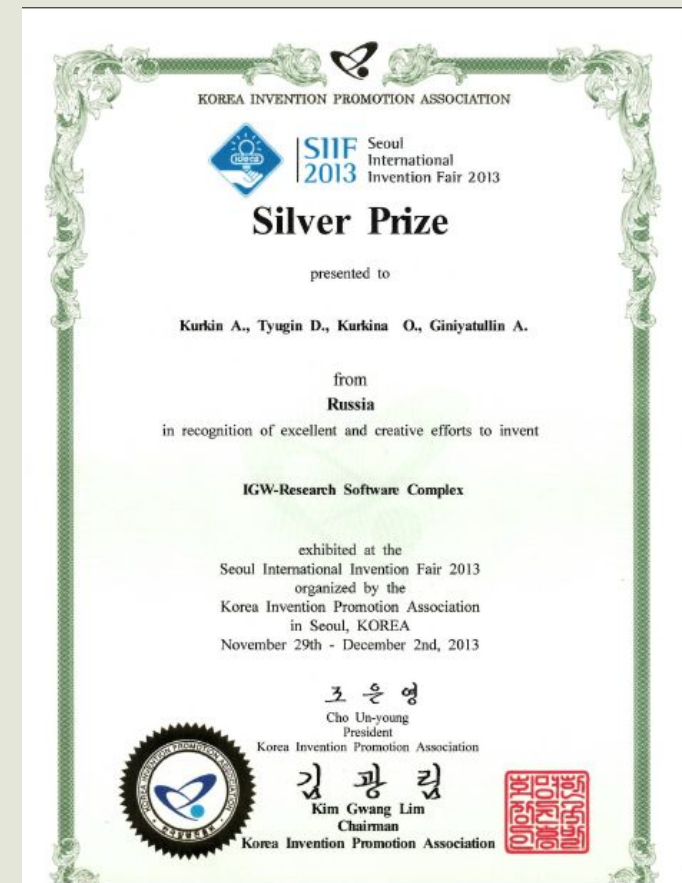
The Real Life Experience



Achievements



Achievements



Collaborative Research

- Australia (Monash University)



MONASH University

- Great Britain (St Andrews, Warwick)



- Estonia (Tallinn University of Technology)



- France (Marseille - II, Marseille - III, Toulon)



Work Placement

ИНТЕРНАТУРА

ТЕКОМ

- ▶ ГИБКИЙ ГРАФИК
- ▶ ДОПОЛНИТЕЛЬНАЯ СТИПЕНДИЯ
- ▶ ПОСЛЕДУЮЩЕЕ ТРУДОУСТРОЙСТВО

г. Нижний Новгород, ул. Сеченова, 2а
Тел.: +7(910)3910100, +7(831)432-66-87
e-mail: hr@tecomgroup.ru
www.tecomgroup.ru



Institute of Applied Physics
of the Russian Academy of Sciences

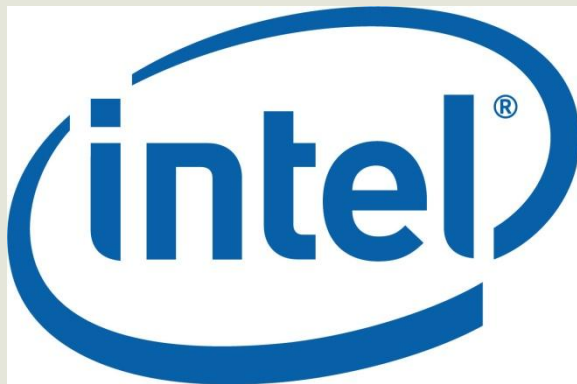
20 лет на рынке IT

ТЕКОМ

- СОБСТВЕННЫЕ РАЗРАБОТКИ
- СИСТЕМНАЯ ИНТЕГРАЦИЯ
- АУДИТ И КОНСАЛТИНГ

Career Opportunities

- Banks and companies leading economic activities;
- Software development companies;
- Research Institutes;





“Let None But Geometers Enter Here.”



*The Book of Nature is
Written in The Language of
Mathematics*



Numbers Rule The World

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