

**ФЕДЕРАЛЬНОЕ АГЕНСТВО
ПО РЫБОЛОВСТВУ**
Федеральное государственное бюджетное
образовательное учреждение
высшего профессионального образования
»МУРМАНСКИЙ ГОСУДАРСТВЕННЫЙ
ТЕХНИЧЕСКИЙ УНИВЕРСИТЕТ«
(ФГБОУ ВПО «МГТУ»)



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ОКПО 00471633, ОГРН 1025100848651,

ИНН/КПП 5190100176/519001001

на № _____ № _____
от _____

Att. to: Secretary

Selection Committee for
the Nemmers prizes 2016
Office of the Provost
Northwestern University
633 Clark Street
Evanston 60298 - 1119 IL
U S A

e-mail: nemmers@northwestern.edu

15-th of July, 2015

Enclosures: 25 (twenty five) p.p.

Nominator's Contact Information

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Dear Ladies & Gentlemen !

In accordance with the Regulations and Rules stated by the different International Organizations, Companies and the Scientific Foundations that are engaged in sphere of such a business as the Contests holding among the usual and outstanding scientists in Biology, Cosmology, Literature, Arts, Mathematics, Chemistry, Physics and so on, and as a potential scientist and the Nominator from the Technical University, situated in the Russian city Murmansk, I want to offer to the Members of the Nemmers Contest Jury of the Selection Committee, created at the Evanston Northwestern University, the Contest papers of the Russian Nominee and the ex. student of the MSTU Karpushkin Evgeny Vasilyevich, who has decided to take part in this well-known Competition and become the Laureate of the Nemmers Prize 2016. The Nominee scientific papers and documents, confirming his real activity in sphere of Mathematics to take part in the Nemmers Prize 2016, are enclosed.

As the above mentioned Contest awards its Laureats with Money prize, I've prepared my Nominee's Contest papers most carefully and attentively. All Instructions how to fill out the suited nomination papers have been read by me many times. Also, I had the numerous consultations with my immediate colleagues and friends not only in our Murmansk Technical University itself, where I usually work as a Lecturer and the students' tutor, but with some other specialists and scientists in the different spheres of Mathematics, and almost every one of them supposes that the mathematical idea of my Nominee Karpushkin Evgeny Vasilyevich can present indeed the definite interest for the Science, especially in such divisions of the modern Mathematics as the Algebra and the elementary Number theory as well.

Yours faithfully

Nikonov Oleg Alexandrovich

Russian Nominator from the Murmansk State Technical University
Murmansk RUSSIA

the Nemmers Prize 2016 Russian Nominee:
Karpushkin Evgeny Vasilyevich

RESUME

Karpushkin Evgeny Vasilyevich
105, Kolsky avenue, Apt. 36 Murmansk-14 183014 RUSSIA

Education:

Professional objectives.

2008 Oulun State University (Finland).
Oulu The Faculty of Science, Department of Information processing science.
Finland Exchange student from the Murmansk State Technical University.

1997 - 2000 Russian Academy of the State service at the President of RF.
Murmansk North-West Academy of the State and municipal management.
Russia Public relations & State / Municipal management Manager.

1994 - 1999 Marine fish-industrial college named after I. I. Mesiatsev.
Murmansk Ship's radio operator.
Russia

1993 Moscow Institute of steel and alloys.
Moscow TOEFL examinations. Certificate No. 7171597.
Russia

1991 SEVRYBSISTEMOTEKHNIKA Association.
Murmansk Three - month courses of IBM PC operator.
Russia

1978 - 1981 Leningrad Technological Institute of Refrigeration Industry.
Leningrad Foreign languages chair. Scientific-and-technical translator.
USSR

1982 Training plant of "SEVRYBA" Association.
Murmansk Ship's refrigeration plant operator.
USSR

1977 - 1986 Leningrad Technological Institute of Refrigeration Industry.
Leningrad M.S. in Mechanical engineer.
USSR

Experience:

2005 - at pr.t. The Academy of Cartesian infinitology and Euclidian fractals.
Murmansk The All-World University of mathematical infinitology. President.
Russia Honorable Russian Vice-President of the IBC, Cambridge, the UK.

2001 "PAN FISH NORGE" AS & "MURMAN SEAFOOD" Co. Ltd.
Florø Fish-farmer-ichthyologist-translator.
Norway

2000 Murmansk Union of Journalists.
Murmansk Public relations Manager.
Russia

1999-2000 Murmansk Training Center.
Murmansk GMDSS English language teacher.
Russia

1996 Murmansk middle school No. 27.
Murmansk English language teacher.
Russia

1995 “TRADE POLARIS” Company.
Murmansk Foreign - trade relations Manager.
Russia

1988 - 1994 SEVRYBSISTEMOTEKHNIKA Association.
Murmansk Scientific and technical translator. Duties: participation in
Russia the negotiations with the representatives of the foreign Firms & Companies. Scientific and technical documentation translation and the periodical editions; input and output correspondence.

1986 - 1988 SEVRYBPROMRAZVEDKA Association.
Murmansk Design engineer, technical translator. Duties: development and
USSR design of the drawings for ship’s systems repair;
1987: Engineer - ichthyologist. Duties: study and prediction of marketable fish reserves in the NW Atlantic ocean zones on bank on board of “PERSEY - III” researching m / v.

1967-1986 MURMANRYBPROM Association
Murmansk 1982-1986: ship’s refrigeration plant operator. Duties: operation
USSR and maintenance of ship’s refrigeration plant at the large refrigerating trawler type fishing vessels;
1967-1976: sailor. Duties: fish manual and automated cutting, pre-packing and packing; frozen fish loading and unloading.

Interests and Activities Books, newspapers and magazines reading; participation in different competitions & contests; camera and photography shooting; the own scientific inventions studying & investigation..

Personal data: Age: 64, divorced, no children. Fluent English & Ukrainian; the ABC of the Japanese, Finnish & Norwegian languages.

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Date of issue: 31-th of July, 2013
Date of expire: 31-th of July, 2023
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References: Available upon request.

List of Publications

1. **Paradoxial equilibrium.**
Russian Scientific magazine, “SCIENCE AND LIFE”, # 12 - 2003.
2. **The A B C’s of the mathematical infinitology.** Murmansk, 2003. - p.p.52.
3. **$(\pm \infty: XY \& XYZ)!!!$**
Dialogs about the Science (the Russian scientific magazine), # 2-2009, p.p. 113-117.
4. **2000 outstanding intellectuals of 21 - st Century.**
I B C, Cambridge, 2012 - 2015. - p. 259
5. **WHO IS WHO IN RUSSIA** by Ralf Hubner. Germany, 2012 - 2013.
6. **The A B C’s of the Mathematical infinitology.**
IJRITCC, the Indian scientific magazine, # 1-2015.
7. **Dictionary of the International Biography.** I B C, Cambridge, 2010 - 2015.
8. **WHO IS WHO IN RUSSIA: Science-Education-Culture-Medicine & Health.**
СИБИРЬ Publishers, 2010.
9. **WHO IS WHO from A to Z in Russia.** СИБИРЬ Publishers, 2011.
10. **Mathematics for the one’s soul.** Murmansk city paper’s article, # 88 - 2013.
11. **Karpushkin E. The fastest method to register the mathematical idea.**
URL: <http://viperson.ru/wind.php?ID=629164>.
12. **Karpushkin E. The ABC of the mathematical infinitology.**
// International journal of experimental education. - 2012, - # 11, - p.p. 54 - 58.
13. **Karpushkin E. The improbable plot: “sieve of Erathosphen” and “spiral of Ulam” in Cartesian coordinates.**
// International journal of experimental education. - 2013, - # 5, - p.p. 81 - 83.
14. **Karpushkin E. The infinity as a premonition.**
URL: <http://viperson.ru/wind.php?ID=629164>.
15. **Karpushkin E. The programmable mathematical plotter.**
Murmansk. MSM Publishers, 1994. - 101 p.p.

REFERENCES & ILLUSTRATIONS

- [1]. Abramovich M., Starodubtsev M. *Mathematics: algebra and elementary functions.*
□ Moscow: Higher school, 1976. - V.1-2.
- [2]. Adams R. *Calculus: a complete course.* □ 6 - th edition.
□ Toronto: Pearson Addison Wesley Education Canada, 2006.
- [3]. Adams R. *Calculus: a complete course.*
Student solutions manual. □ 6 - th edition.
□ Toronto: Pearson Addison Wesley Education Canada, 2006.
- [4]. Anderson J. *Discrete mathematics and combinatorics.*
□ Moscow: Williams Publishers, 2003.
- [5]. Barr S. *A miscellany of puzzles.* □ Moscow: Mir Publishers, 1987.
- [6]. *Barlow's tables:* Edited by L.Comrie.
□ Moscow: Nauka Publishers, 1975.
- [7]. Bozhokin S., Parshin D. *Fractals and multifractals.*
□ Izhevsk: NITS Publishers, 2001.
- [8]. Bronstein I., Semendiaev K. *Handbook on mathematics for engineers and pupils.*
□ Moscow: Nauka Publishers, 1980.
- [9]. Clayden, Greeves, Warren and Wothers. *Organic chemistry.*
□ N.Y.: Oxford University Press, 2008.
- [10]. Courant R., Robbins H. *What is Mathematics ?*
□ Moscow: MTSNMO Publishers, 2001.
- [11]. Crownover B. *Introduction to fractals and chaos.*
□ Moscow: Tehnosfera Publishers, 2006.
- [12]. Derbyshire J. *Prime obsession.*
□ Moscow: Astrel Publishers, 2010.
- [13]. Danin D. *Rutherford.*
□ Moscow: MG Publishers, 1967.
- [14]. Danin D. *Niels Bohr.*
□ Moscow: MG Publishers, 1978.
- [15]. Freedman R., Young A. *Sears & Zemansky's University physics with modern physics.*
□ Toronto: Pearson Addison Wesley Education Canada, 2006.
- [16]. Gardner M. *New mathematical diversions from Scientific American.*
□ Moscow: ONIKS Publishers, 1995.
- [17]. Gardner M. *Time travel and other mathematical bewilderments.*
□ Moscow: NITS Publishers, 1990.

- [18]. Golin G., Filonovich S. *The classics of the physical science*.
□ Moscow: Higher school Publishers, 1989.
- [19]. *Handbook on mathematical functions*: Edited by Abramowitz M. and Stegun I.
□ Moscow: Nauka Publishers, 1979.
- [20]. Hardy G. *A course of pure mathematics*. □ 9 - th edition.
□ Moscow: Foreign literature Publishers, 1947.
- [21]. Hart / Craine / Hart / Hadad. *Organic chemistry*. A short course. □ 12 - th edition.
□ N.Y.: Houghton Mifflin Company, 2007.
- [22]. Hart-Devis A. *Science. The definitive visual guide*.
□ Moscow: Readers Digest Publishers, 2012.
- [23]. Ireland K., Rosen M. *A Classical Introduction to Modern Number Theory*.
□ Moscow: Mir Publishers, 1987.
- [24]. Karpushkin E. *Programmable mathematical plotter*. □ Murmansk: MSM Publishers, 1994.
- [25]. Karpushkin E., Ledentsov A. *The ABC of the mathematical infinitology. Part 1*.
□ Murmansk: MSM Publishers, 2003.
- [26]. Karpushkin E. $(\pm \infty: XY \& XYZ)!!!$
□ Moscow: // Dialogs about the science, - 2009, # 2, - p.p.113 -117.
- [27]. Karpushkin E. The ABC of the mathematical infinitology. // International journal of experimental education. - 2012, - # 11, - p.p. 54 - 58.
- [28]. Karpushkin E. The improbable plot: “sieve of Erathosphen” and “spiral of Ulam” in Cartesian coordinates. // International journal of experimental education. - 2013, - # 5, - p.p.81 - 83.
- [29]. Karpushkin E. The infinity as a premonition.
URL:<http://viperson.ru/wind.php?ID=629164>
- [30]. Kartsev V. *Maxwell*. □ Moscow: MG Publishers, 1976.
- [31]. Khinchin A. *Three pearls of the natural numbers*.
□ Moscow, Nauka Publishers, 1979.
- [32]. Kleine F. *Elementary mathematics from the view point of the Higher one*.
□ Moscow: Nauka Publishers, 1987.
- [33]. Kleine F. *Lectures about the development of mathematics in XIX century*.
□ Moscow: Nauka Publishers, 1989.
- [34]. Kline M. *Mathematics and the search for knowledge*.
□ Moscow: Mir Publishers, 1988.
- [35]. Konyushaya Y. *The inventions of the Soviet scientists*.
□ Moscow: MW Publishers, 1979.

- [36]. Korn G., Korn T. *Mathematical handbook*.
□ Moscow: Nauka Publishers, 1984.
- [37]. Kreyszig E. *Advanced engineering mathematics* / Erwin Kreyszig. □ 9 - th edition.
□ Singapore: Wesley International edition, 2006.
- [38]. Kudriavtsev O., Adelson - Velsky G. *Discrete mathematics for engineers*.
□ Moscow: Energoatomizdat Publishers, 1988.
- [39]. KVANT Library, Issues # # 1 - 81.
□ Moscow: Nauka Publishers, 1980 - 1990.
- [40]. Lehmer D. *List of prime numbers from 1 to 10006721*.
□ Moscow: CCAS USSR Publishers, 1967.
- [41]. Littlewood J. *A mathematician's miscellany*.
□ Moscow: Nauka Publishers, 1990.
- [42]. Mandelbrot B. *The fractal geometry of Nature*.
□ Moscow: NITS Publishers, 2010.
- [43]. Mandelbrot B. *Fractals and chaos*.
□ Moscow: NITS Publishers, 2009.
- [44]. *Mathematical encyclopaedia*: Editor-in-chief I. Vinogradov.
□ Moscow: Entsiklopedia Publishers, 1977-1984. □ V.1-5.
- [45]. Milnor J. *Dynamics in one complex variable. Introductory lectures*.
□ Moscow: NITS Publishers, 2000.
- [46]. Myshkis A. *Special lectures on mathematics for Institutes of higher learning*.
□ Moscow: Nauka Publishers, 1971.
- [47]. Newton I. *Philosophiae naturalis principia mathematica*.
□ Moscow, LKI Publishers, 2008.
- [48]. Nodden P., Kitte K. *The algebraic algorithmics with exercises and decisions*.
□ Moscow: Nauka Publishers, 1999.
- [49]. Pchiolkin B. *Special chapters of the higher mathematics*.
□ Moscow: Higher school Publishers, 1973.
- [50]. Piskunov N. *Differential and integral calculi*.
□ Moscow: Nauka Publishers, 1978. □ V.1,2.
- [51]. Prahar K. *Prime numbers distribution*. □ Moscow: Mir Publishers, 1967.
- [52]. Rybasenko V., Rybasenko I. *Elementary functions*.
□ Moscow: Nauka Publishers, 1987.
- [53]. Starkov S. *A Handbook for students: the mathematical functions and their graphics*.
□ Moscow: Piter Publishers, 2010.

- [54]. Sloyer C. *Fantastiks of matematiks. Applications of secondary mathematics.*
□ Moscow: Nauka Publishers, 1993.
- [55]. Schroeder M. *Fractals, chaos, power laws. Minutes from an infinite paradise.*
□ Moscow: NITS Publishers, 2001.
- [56]. Shabat B. *Introducing to the complex analyze.* □ Moscow: Nauka Publishers, 1969.
- [57]. Shriver & Atkins. *Inorganic chemistry.* □ 4-th edition.
□ N.Y.: Oxford University Press, 2006.
- [58]. Ulam S. *Adventures of mathematician.* □ Izhevsk: NITS Publishers, 2001.
- [59]. Vilenkin N. *In search of infinity.* □ Moscow: Nauka Publishers, 1983.
- [60]. Vygodsky N. *A Handbook on higher mathematics.*
□ Moscow: Nauka Publishers, 1964.
- [61]. Weiner Norbert: *I am a mathematician.* □ Moscow: Nauka Publishers, 1967.
- [62]. Weil A. *Basic Number Theory.* □ Moscow: Mir Publishers, 1972.
- [63]. “Science and Life”, Russian periodical journal, 1960 - 2015.
- [64]. “Scientific American”, (Russian version “В МИРЕ НАУКИ”), 1983-2015.
- [65]. “Science in the USSR”, Russian periodical journal, 1980 - 1990.
- [66]. “The Knowledge is power”, Russian periodical journal, 1968 - 2015.
- [67]. “The techniques for the youth”, Russian periodical journal, 1965-2015.
- [68]. John Milnor. The Puancaré Conjecture.
- [69]. Stephen Cook. The P versus NP problem.
- [70]. Charles Fefferman. Existence and smoothness of the Navier-Stokes equation.
- [71]. Peter Deligne. The Hodge conjecture.
- [72]. Peter Sarnak. Problems of Millenium: The Riemann Hypothesis (2004).
- [73]. Andrew Wiles. The Birch and Swinnerton - Dyer conjecture.
- [74]. Michael Douglas. Report on the Status of the Yang - Mills problem.
- [75]. Dickson L.E. First course in the theory of equations.
□ New-York: J. Wiley & Sons, Inc., 2009.
- [76]. Trench W.F. Introduction to real analysis.
□ San Antonio: Pearson Education, 2010.

List of illustrations.

1. Fragment of the interminable red-green dotted plot of the Natural numbers consequence in Cartesian coordinates.
2. Fragment of the interminable red-dotted plot of the Natural prime numbers consequence in Cartesian coordinates, (C++)..
3. Fragment of the interminable dark-blue dotted plot of the Natural prime numbers consequence in Cartesian coordinates.
.
4. Fragment of the interminable blue dotted plot of the Natural twin-numbers consequence in Cartesian coordinates(hand-made).
(the axis of Cartesian coordinates are not shown conventionally)

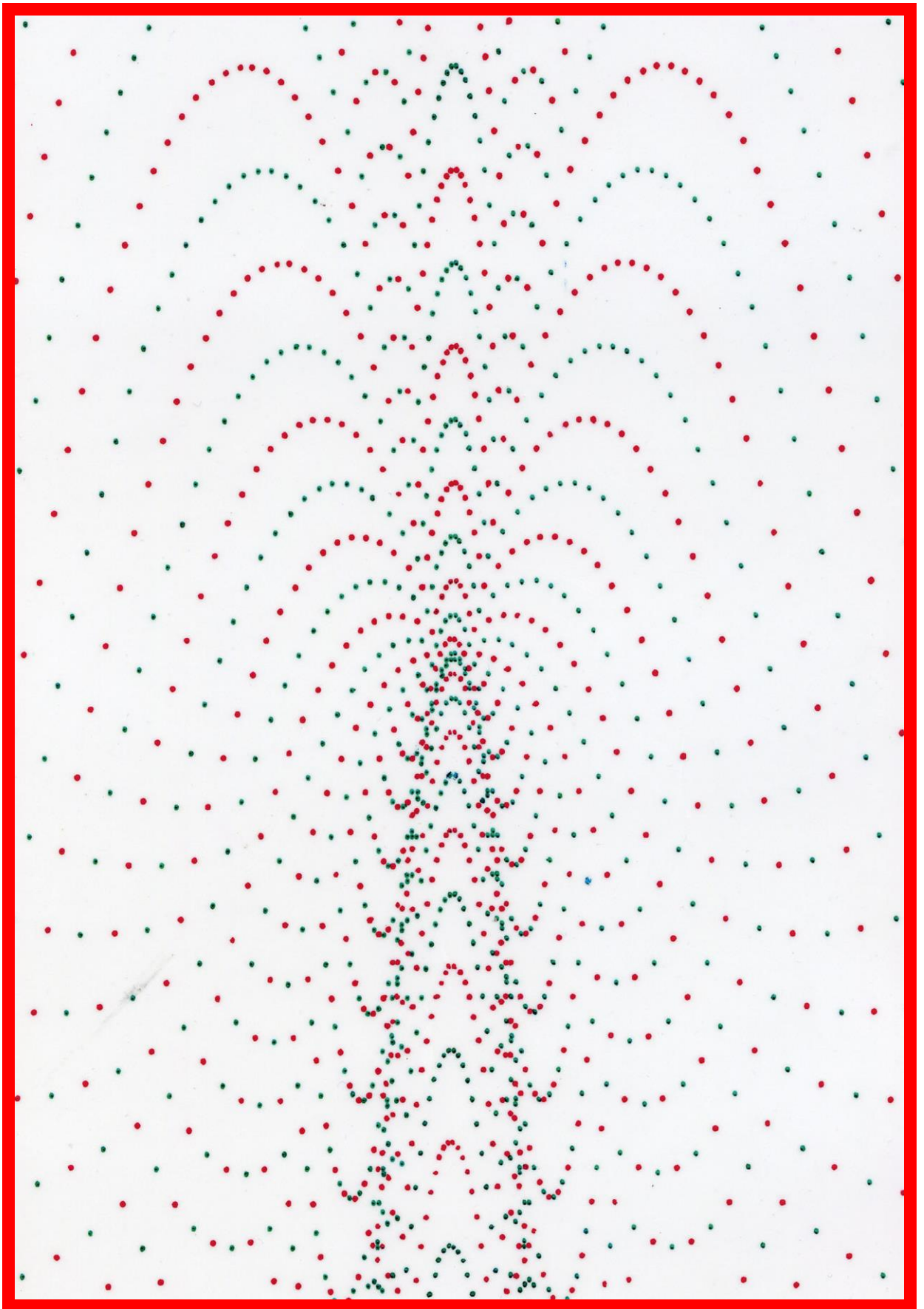


Fig. 1 $\{A_n\} = \{n^2\}$ (hand-made)

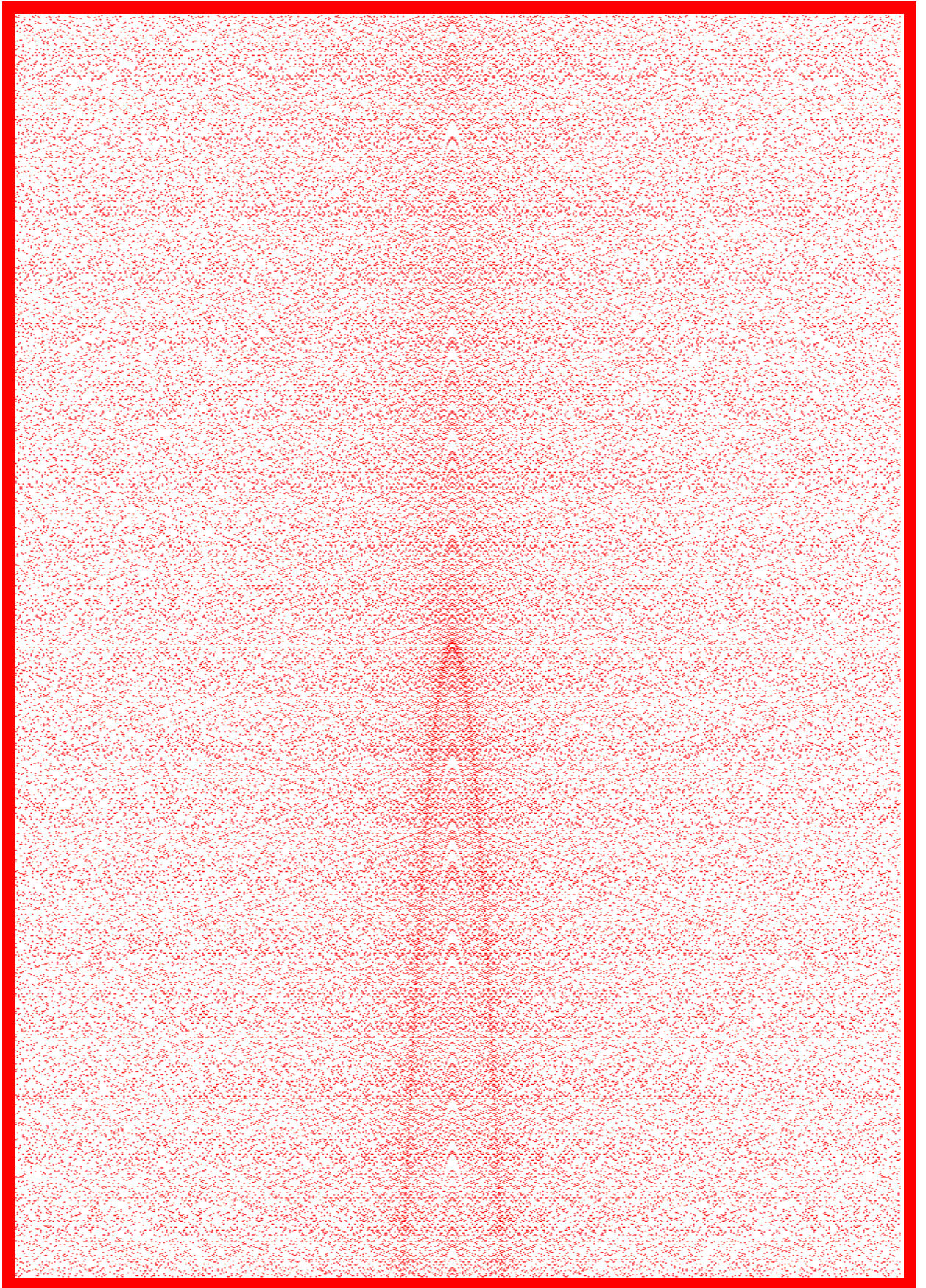


Fig. 2 $\{A_n\} = \{\pi_n\}$ (in C++)

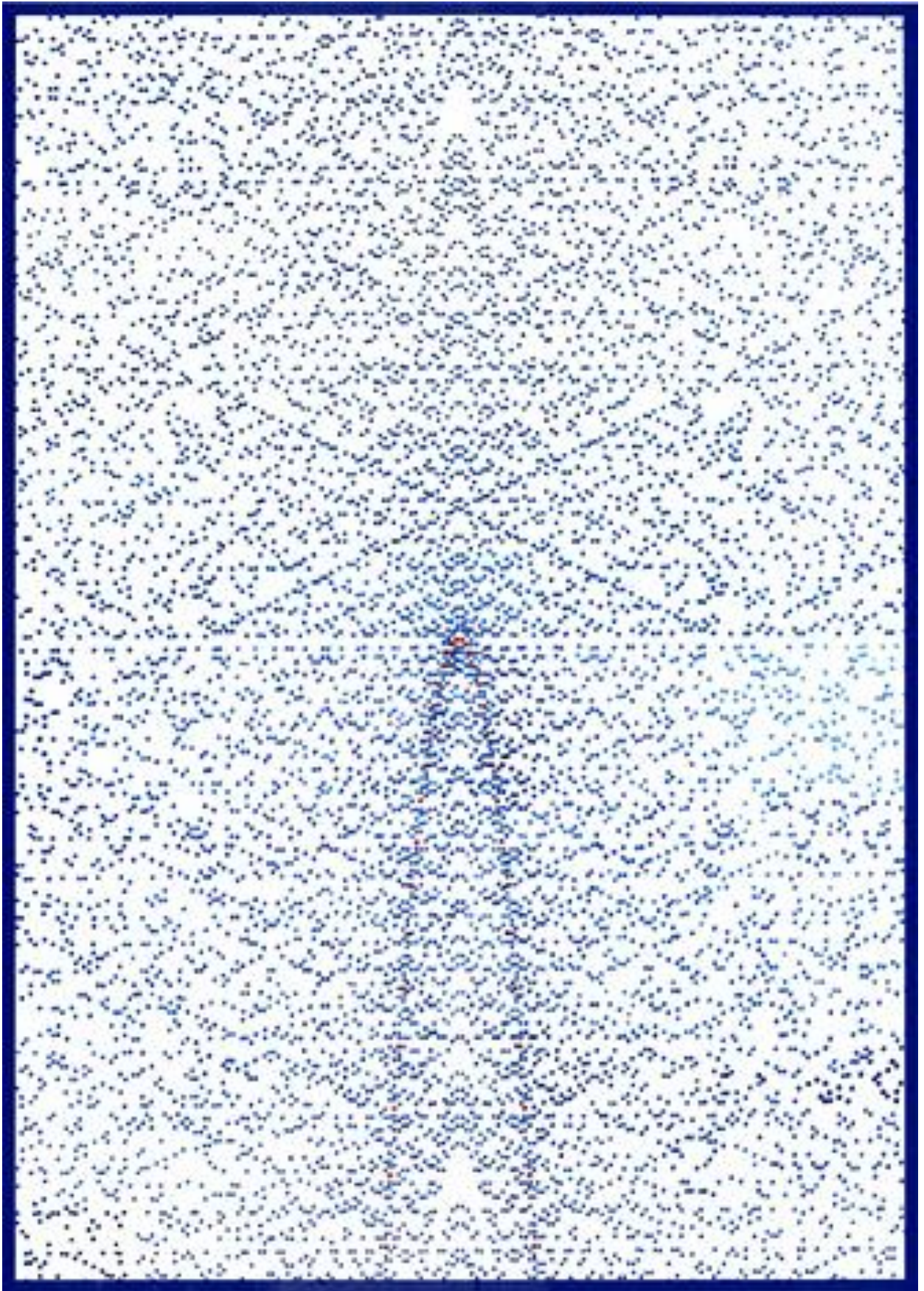


Fig 3. $\{A_n\} = \{\pi_n\}$ (hand-made).

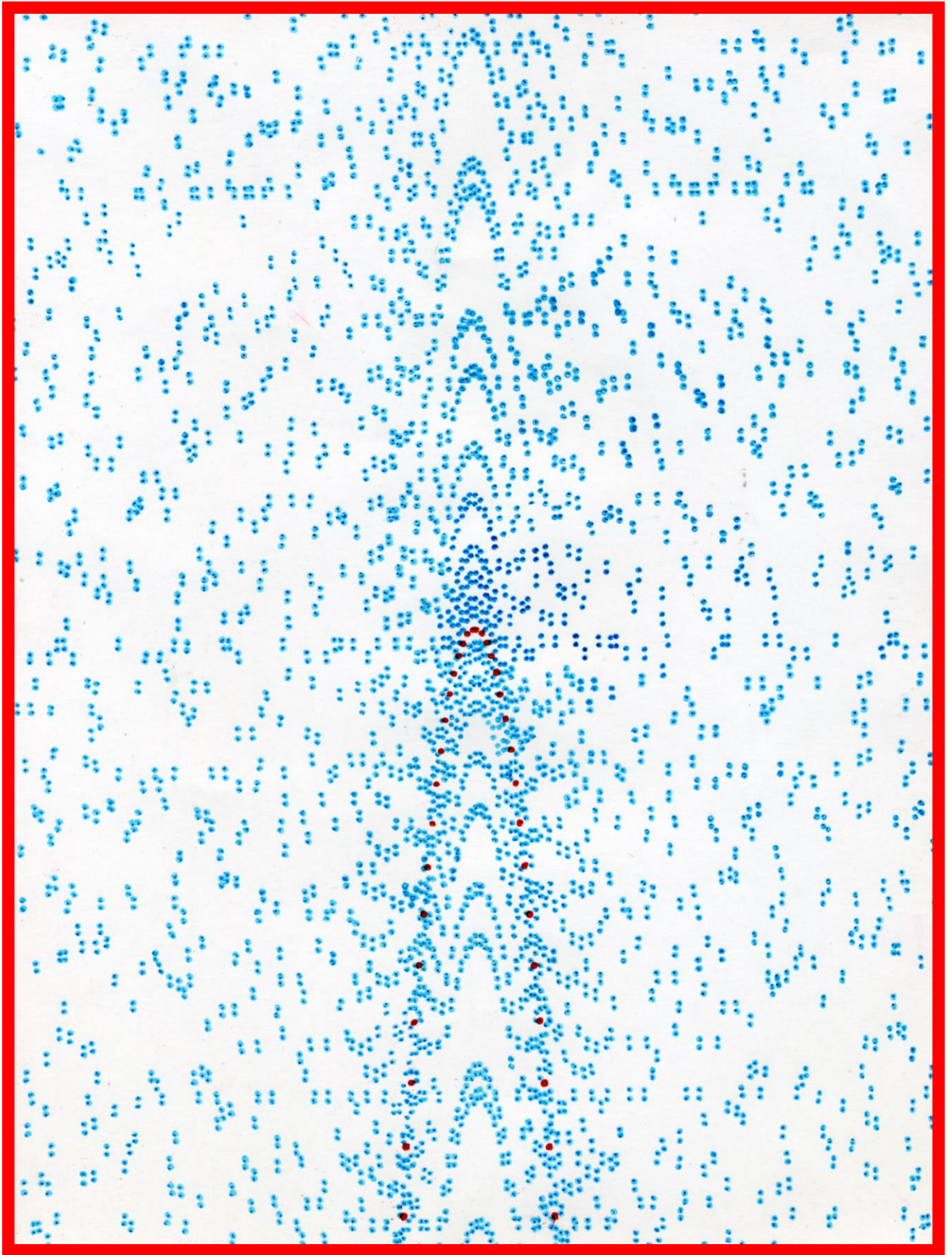


Fig. 4. Twin-numbers graph in Real and Complex areas of rectangular system of 2D - Cartesian coordinates (hand - made).
(the axis are not shown conventionally)

KARLUK Sadik Ridvan, b. 1948, Eskisehir, Turkey. Professor. Education: Political Sciences, Ankara University, 1970; PhD, 1975; Associate Professor's degree, 1979. Appointments: Ministry of Finance and Supreme Court of Public Accounts; Department of Economy, Eskisehir Administrative and Economic Sciences Academy, 1972; Scientific Researcher, Sussex University, 1975-76; The European Union Department of State Planning Organization (General Directorate), 1982; Elected Member, Board of Director of Economic Development Foundation, 1984-85; Adviser to Chairman, Board of Directors, Istanbul Chamber of Commerce; Lecturer, Military Academies, Istanbul, 1983-85; Member, Turkish Delegation, 6th UNCTAD Conference, Belgrade, 1983; Member, Turkish Delegation, UNIDO Conference, Vienna, 1984; Planning Undersecretary, OECD, Paris, 1985; Adviser to Undersecretary of DPT (State Planning Organization), 1990; Adviser to Prime Minister; Professor, Anatolia University, 1991; Lecturer, European Union-Turkey Relations, Ankara University ATAUM, 1991-2003, and T C Ziraat Bankasi AS Co Inc Banking School, 2004-05; Chairman, Scientific Board of Turkish Industrialists and Businessmen Foundation, 1996; Turkish Representative to International Chamber of Commerce, Commission on Trade and Investment Policy, Paris. Publications: 20 books; more than 300 articles; 5 co-authored and 3 translation works. Honours: 4 scientific research awards. Address: Dean of the Faculty of Economics, Anadolu University Eskisehir, Yunusemre Kampusu, Turkey. E-mail: rkarluk@anadolu.edu.tr

KARPUSHKIN Evgeny, b. 13 November 1950, Murmansk, Russia. Engineer; Translator. Divorced. Education: MS, Mechanical Engineer, 1977-86, Foreign Languages Chair, Scientific and Technical Translator, 1978-81, Leningrad Technological Institute of Refrigeration Industry; Ship's refrigeration plant operator, training plant of Sevryba Association, Murmansk, 1982; IBM PC operator course, Sevrybsistemotekhnika Association, Murmansk, 1991; TOEFL certificate, Moscow Institute of Steel and Alloys, 1993; Ship's radio operator, I I Mesiatshev Marine Fish-Industrial College, Murmansk, 1994-99; Public Relations & State/Municipal Management Manager, North-West Academy of State Service at the President of RF, Murmansk, 1997-2000; Exchange Student, Oulun University, Oulu, Finland, 2008. Appointments: Sailor, 1967-76; Ship's Refrigeration Plant Operator, Murmanrybprom Association, 1967-86; Design Engineer, Technical Translator, 1986-88, Scientific and Technical Translator, 1988-94, Sevrybsistemotekhnika Association; Foreign Trade Relations Manager, Trade Polaris Company, Murmansk, 1995; English Language Teacher, Murmansk Middle School No 27, 1996; GMDSS English Language Teacher, Murmansk Training Centre, 1999-2000; Public Relations Manager, Union of Journalists, Murmansk, 2000; Fish Farmer, Ichthyologist, Translator, PanFish Norge AS & Murman SeaFood Co Ltd, Floro, Norway, 2001. Publications: The ABC of the Mathematical Infinity, 2003; The paradoxical equilibrium, 2003; The aliens from the planetary system of the "α"-Taurus; The unusual graphics: the "sieve of Eratosthen" and "the spireal of Ulam" in Cartesian co-ordinates; Numerous articles in the internet. Honours: Veteran of Labour, medal in honour of 100 year anniversary of V I Lenin, 1970; Silver medal of V I Vernadsky, 2012; Adviser, Russian Academy of Human History. Memberships: President, Murmansk Regional Association of the Victims of Illegal Political Repressions; President, The Academy of Cartesian Infinity & Euclidian fractals. Address: The

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KASMEL Tiit, b. 9 April 1948, Polva, Estonian SSR. Teacher; Naturalist; Social Sciences Educator. Education: Nursing certificate, 1966; Diploma, Sport Pedagogy and

Fig. 5. Karpushkin Evgeny Vasilyevich biography published in the "2000 outstanding Intellectuals of the 21th century" issued in 2012 by the International Biographical Centre at the Cambridge University, the Great Britain.



Fig. 6. The Indian Certificate.



КАРПУШКИН Евгений Васильевич

Президент
АКАДЕМИИ ДЕКАРТОВОЙ
ИНФИНИТОЛОГИИ
И ЕВКЛИДОВЫХ ФРАКТАЛОВ

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Дата рождения: 13 ноября 1950 г.
Место рождения: г. Мурманск
Образование: Оулуский государственный университет (Финляндия), Северо-западная академия государственной службы при Президенте РФ, Ленинградский технологический институт холодильной промышленности, Школа научно-технических переводчиков при АТИХП, Мурманский рыбопромышленный колледж.
Ветеран труда.

Вехи карьеры: После завершения учебы в институте поработал на разных направлениях, но большую часть времени был занят в сфере научно-технического перевода (англ. яз.). После ряда сделанных в математике открытий создал Академию декартовой инфинитологии и евклидовых фракталов.

Эксперт в области: Научно-технический перевод (англ. яз.), графоаналитические исследования декартовой инфинитологии и евклидовых фракталов.

Член АДПР с 1993 г. Баллотировался кандидатом в мэры г. Мурманска и депутатом Мурманского горсовета в 2004 г.

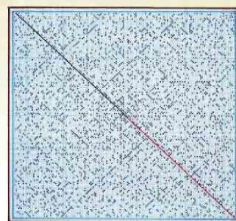
Награды: Юбилейная медаль «За воинскую доблесть» в ознаменование 100-летия со дня рождения В. И. Ленина, Почетные грамоты и памятные значки за участие в конкурсах и конференциях, памятный нагрудный знак «За дальний поход» с подвеской «Океан» за участие в военно-морских маневрах «Океан» в 1970 г.

Публикации: Основы математической инфинитологии.

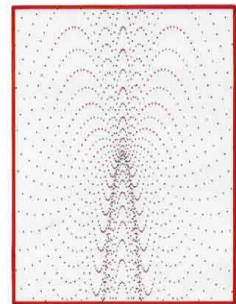
Кредо: Тяга к знаниям и самообразованию.



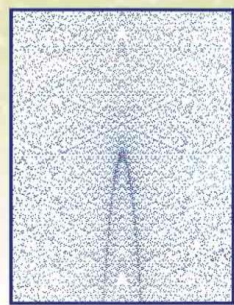
1. Эмблема Академии декартовой инфинитологии и евклидовых фракталов.



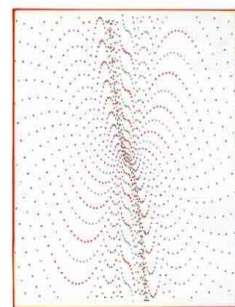
2. а) Точечно-трёхцветная «скатерть Карпушкина-Улама», (фрагмент);
б) Математическая прямоугольно-числовая спираль Карпушкина-Леденцова и её графическая точечно - трёхцветная интерпретация (фрагмент).
с) Обобщённая «скатерть Улама» (фрагмент).



3. а) $\{An\} = \{n^2\}$ (фрагмент);
б) Фрагмент бесконечного точно-двухцветного графика последовательности натуральных чисел вида $\{An\} = \{n^2\}$ и их алгебраических эквивалентов в прямоугольной системе координат Декарта (оси координат не показаны).
с) Бесконечный точно-двухцветный график вида $\{An\} = \{n^2\}$ (фрагмент).



4. а) $\{An\} = \{\Pi - \text{«энное»}\}$
б) Фрагмент бесконечного точно-одноцветного графика последовательности натуральных простых чисел вида $\{An\} = \{\Pi - \text{«энное»}\}$ и их алгебраических эквивалентов в прямоугольной системе координат Декарта (оси координат условно не показаны; множество красных точек представляет собой «границу» между натуральными простыми числами и их алгебраическими аналогами).
с) «Решето Эратосфена» в прямоугольной системе координат Декарта (фрагмент).



5. а) $\{An\} = \{n^2\}$ antimirr (антизеркальный).
б) Фрагмент бесконечного антисимметричного точно - двухцветного графика последовательности натуральных числа вида $\{An\} = \{n^2\}$ в прямоугольной системе координат Декарта (оси координат условно не показаны).
с) Фрагмент точно-двухцветного графика кубической параболы и её бесконечного множества эквидистантных точечных кривых третьего порядка.

Fig. 7. Encyclopedia page from WHO IS WHO IN RUSSIA issued in 2010 about the Scientific inventions and achievements made by E.V.Karpushkin in mathematics.



Fig. 8.

**Russian Certificate issued to Karpushkin Evgeny Vasilyevich
as the participant of the Internet - Encyclopaedia
"FAMOUS RUSSIAN SCIENTISTS".**



Fig. 9. Russian Certificate
to the golden medal awarded to Karpushkin Evgeny Vasilyevich
in 2012 by the Russian Academy of the Natural History for
his special achievements in sphere of the higher education.

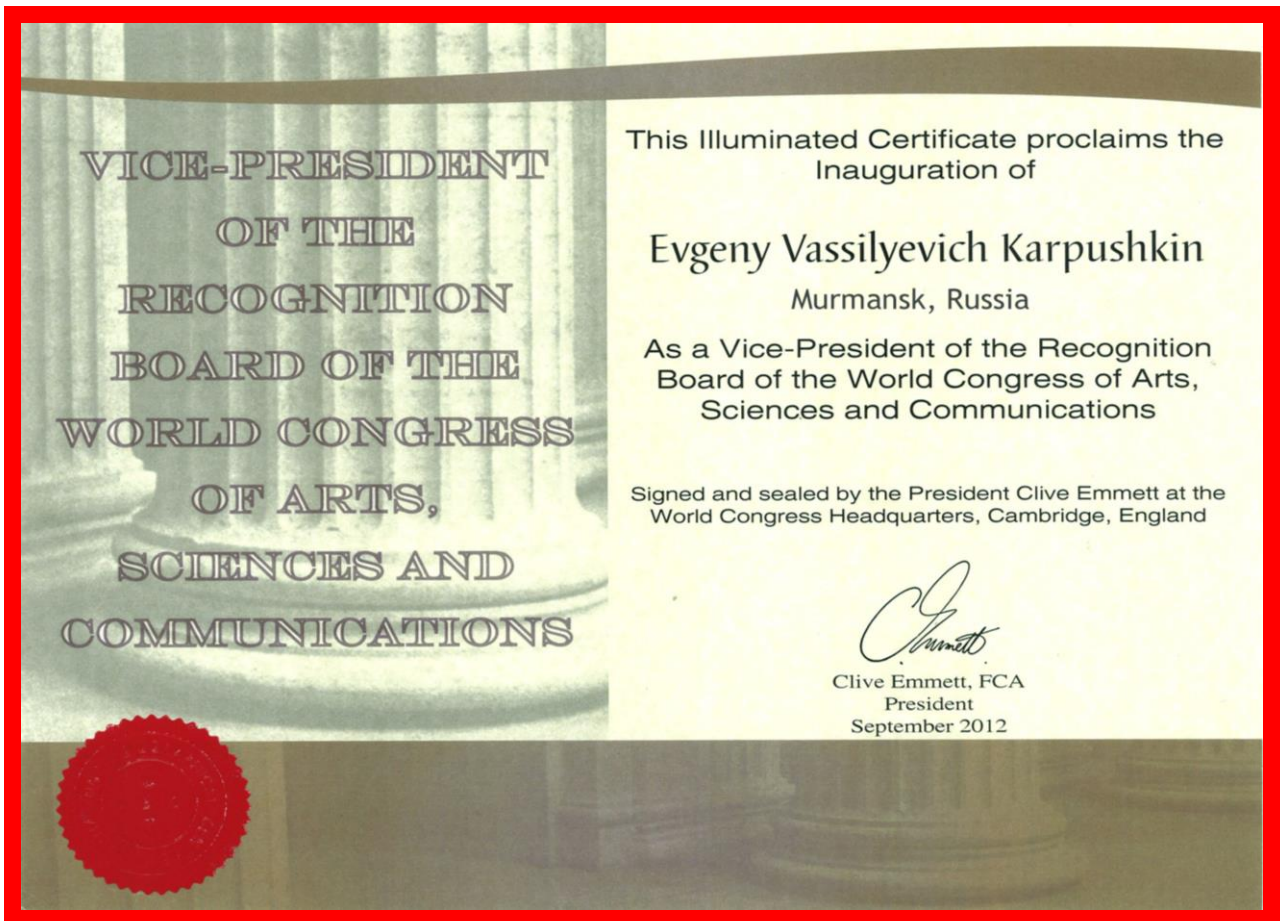


Fig. 10. The English Certificate



Fig. 11. The European Certificate



Karpushkin Evgeny Vasilyevich

A Nominator's Letter

to the Selection Committee Members of the Contest Jury, that established in the USA's state of Ill at the Evanston Northwestern University for determining the 2016 Nemmers Prize Laureat in sphere of Mathematics, from the Russian Nominator Nikonov Oleg Alexandrovich, Lecturer and the students' tutor at the Murmansk State Technical University(MSTU), written onto the name of its former student and the potential participant of the Nemmers Prize 2016 Evgeny Vasilyevich Karpushkin.

Dear Ladies & Gentlemen !

Dear Selection Committee Members of the Nemmers Prize 2016 Contest Jury !

Dear all Authorized and Responsible persons of the Contest !

Our modern World, as scientific as usual, is rich and full much enough of its news, events and circumstances in all spheres, where the people live, work and have a rest. And everyone of them individually or all together make this World much more unique, wonderful and perfect on the base of one's own un - perfects and, in such a manner, we are commonly & jointly making our current life and the environment space of our living as comfortable as possible for our good and better life on the Earth indeed.

I am a person of more than sixty and, at the first time in my life, I have a big pleasure to take part in such a unique and unusual business as to represent and nominate a Russian man and my country person for the International Contest in Mathematics, organized by the American scientists at the Northwestern University that situated in their native city Evanston that is very far from the Russian town Murmansk, where I has been born, and where I work now and live.

My Nominee is Karpushkin Evgeny Vasilyevich. He was born on November 13-th, 1950, in Murmansk. In November this year, he will celebrate his 65-th anniversary of his birthday. He is already retired from service and now his current life is full of big interests in sphere of investigations of his own inventions in Mathematics, made by him about twenty five years ago in Murmansk. Before his first steps, made by him in science, he had a lot of the most interesting events, difficult problems and zigzags in his life. All his life long, he has the unforgotten moments and episodes. In his youth, he was a serviceman and served like a BJ on the Man-of-war in the Barents sea Basin.

My Nominee also worked as a sailor on the fish trawlers and research motor vessels before and after his servicing, and during this period of his life, he visited some oversea foreign countries as Canada, Iceland, Denmark, Spain and a lot of other ones.

He also worked abroad as in Norway as in Denmark, and studied much enough as at home as in Finland like an exchange student at the State University in Oulu, that is situated on the bank of the Bothnia gulf. In his time, he was a student of the MSTU too, and a pupil in some middle colleges and the national Institutions of higher learning. Nevertheless, he have now some important Certificates and Diplomas confirming that my Nominee Karpushkin Evgeny Vasilyevich is a modern and very nice educated person, having some higher educations in, as a rule, the most opposite directions from his previous spheres, directions and branches of his professional activity.

At last, my Nominee has really submerged into such an interesting science as the Mathematics one, where he debuted with the natural shock not only sensationally for himself but for the mathematicians too, and it is absolutely thanks for his invention. Believe it or not, but he has penetrated into the secrets and mysteries of the natural numbers generally, and the prime numbers in private. And, at last, he invented his own scientific method of creating the semi-similar mathematical sets, or, by other words, he worked out, independently and without the assistance of anybody, his own method of construction and modeling the natural Euclidian or geometrical fractals.

In 1993 my Nominee occasionally has interested in with his new hobby and began to study it in his relaxation hours, compiling the different compositions from the cells or squares that form the net of them on the usual page of the pupil's note-book, creating with their help the most different mathematical spirals. When made these spirals, my Nominee even did not suppose that his new hobby is well-known for professional mathematicians idea, named by the specialists in the Number theory as the "spiral of Ulam". My Nominee has immediately begun to study this idea, and, after some time later, having looked through some thousands of the mathematical books, text-books and encyclopedias on mathematics, he has understood, at last, that no one of them, as latest ones as the eldest editions, has neither elementary nor principal mention and description of such an interesting and unusual mathematical idea --- his own idea.

A year later, when my Nominee has found a new feature of the usual natural numbers, he has written a big 100 p.p. work under the name "The programmable mathematical plotter" and registered his work as the mathematical invention in the State Notary office, located in Murmansk. When making his first scientific work on Mathematics, Mr. E.V.Karpushkin has found in one of the Reference editions that the idea of his mathematical spirals belongs to Stanislaw Martin Ulam, the American mathematician from Poland in his origin and Participant of the Atomic project from the Los-Alamos Laboratory, established by the team of the American scientists in Alamogordo for testing and practical realizing the first "Big Bang" of the A-bomb. But Mr. S. Ulam, having invented his spiral in 1963 during his presence at the most "grey" meeting of his colleagues, had no time to study his invention more carefully and that is why Mr. Ulam omitted the most interesting element. And it has been found by my Nominee. Mr. Karpushkin, during his careful manipulations with these spirals at home after his working hours. After the official registration of his 100 p.p. scientific work as the juridical document in the State Notary office, he edited his first book on Mathematics in 2003, named him as "The ABC's of the mathematical infinitology".

Some years later, my Nominee Karpushkin Evgeny Vasilyevich has invented his own scientific method of semi-similar sets creating or, saying with today's modern scientific language, he has invented his own method of graphical construction in 2D - rectangular system of Cartesian coordinates the Euclidean or natural geometrical fractals. During of more than twenty last years, Mr E, Karpushkin devoted them for careful studying and investigating his scientific inventions from the different tops, making at the same time the wide correspondence with scientists & mathematicians from the whole World. In 2008, he has won a grant and he had come to the Finnish State University in Oulu town. There, in the Oulun University, he has introduced with Mr. Valery Serov and asked him to help in promotion of his own scientific ideas in mathematics. The meeting of our Gentlemen lasted ideally one hour long only, but Russian scientist in Mathematics from the Moscow State University could not help for my Nominee to find anyone among the specialists to give him the qualified advice because of the reason of their real absence in the scientific world at that time.

My Nominee Mr. E.V.Karpushkin, after his returning from his studying at the Oulun University, has continued to investigate his invention. The most interesting period for my Nominee has begun, when he started to work out his own scientific theory, practice and methodology of creating the dotted plots and graphs of the natural prime and twin numbers in the rectangular system of the Cartesian 2D-coordinates. For realizing these purposes, he was needed the titanic powers and the Nobelist's intellectual abilities because my Nominee is not a mathematician.

To the greatest happy for my Nominee, he could manage with the most difficult task and now, the Science has the ideal mathematical instrument how to make and create the dotted plots and graphs of any individual natural number or their any usual compositions or so called the number consequences in the Cartesian 2D-coordinates. The enclosed prime, twin and other dotted graphs, made by Nominee, can confirm visually the whole spectrum of the tasks and problems that Nominee was able to decide. There is a lot of other scientific "pearls" appeared after simple observation and studying the created prime number graph ! It is, first of all, a "null"- tunnel or blue dots free corridor, the presence of which can confirm that the prime numbers in its usual consequence are distributed correctly everywhere, and they follow in the consequence to the un-known for our scientists laws&rules. The plot has also the areas with the Real primes and their Complex "clons", separated from the natural primes with a set (chain) of the red dots.

All dotted plots formally confirm the real existence of a lot of other Worlds and sub-Worlds in the Universe and that our World is not the only one, where the usual life of our people can be observed *in natura*. My Nominee's idea allows to penetrate into the distance of billions kilometers from the 0-point of the Cartesian coordinates and see the "portraits" and "photos" of new concentrations of other prime numbers at such a huge mileage. The prime numbers graphs and plots will help to make some new inventions and allow to know the decision of many scientific tasks & problems, e.g., to proof, first of all, the B. Reimann's conjecture, and so on.

Under the curtains of my story, I should like to mention, in connection with my Nominee's intention, some unusual additions and episodes from his biography and his willing to win the Nemmers prize 2016 in its Mathematical version.

As I know, Mr. Evgeny Vasilyevich Karpushkin has written some interesting works and published them as the individual editions as the scientific articles in some magazines in Russia and abroad too. He is also awarded with some Russian and European scientific golden and silver medals, such ones, as M.V.Lomonosov, V.I.Vernadsky, Socratus, W.Leibnitz, the European quality golden medal and some other ones. He also was a Participant of 2 International Book exhibitions being held as in Moscow as in Paris last year. He also has some scientific titles as the Advisor of RAHH, Russian honorable vice-president of IBC, which had awarded him with the ceremonial medal for participation in the official solemn meetings and Conferences.

The Nominee has some important newspaper articles written by journalists about him and his ideas. Such encyclopedias and editions as Who is Who in Russia, Who is Who in Russia from A to Z, Who is Who in Russia by Ralf Hubner, 2000 outstanding intellectuals of the 21-st century and the Dictionary of the International Biography have published some interesting information about Karpushkin Evgeny Vasilyevich--- a famous and popular scientist and mathematician from the Russian city Murmansk.

Mr. Benoit B. Mandelbrot's to the Nominee

Re: a letter

От кого: **benoit mandelbrot** <benoit.mandelbrot@yale.edu>

Кому: Евгений Карпушкин <e.v.karpushkin@mail.ru>

7 февраля 2010, 20:02 7-th Februaury 2010, 20:02

Dear Mr Karpushkin,

Thank you for the diagrams you sent me. To do them by hand is an

immense job. Unfortunately, you do not tell what they represent.

Being long retired, I am unable to help you visit the United States.

I am very sorry.

Best wishes,
Benoit Mandelbrot

**The only letter from the most outstanding Mathematician of the XX - XXI centuries.
Mr. Benoit B. Mandelbrot, ex. Sterling Professor Emeritus of Mathematical Sciences at the
Yale University (USA), dated 7 - th of February, 2010, to my Nominee Evgeny Karpushkin.**

Карпушкин Евгений Васильевич, ветеран труда

Имя Евгения Васильевича Карпушкина, многого, нового, застывшего человека, прекрасного собеседника и большого эрудита 10 лет назад было хорошо знакомо разве что родственникам и близким друзьям. В последние годы биография Евгения Васильевича занесена в российские энциклопедии „Кто есть кто в России“ („Наука. Культура. Образование“, т. 1, 2010), „Кто есть кто. От А до Я“ (2011), в английскую Энциклопедию „2000 outstanding intellectuals of the 21-st century“ (2012) Между-

народного биографического центра (ИВС, г. Кембридж, Англия). Его регулярно приглашают на международные форумы и конференции рассказывать о разработанных им теориях и практиках создания бесконечных геометрических (фрактальных) на декартовой и произвольной масштабно-координатной плоскости и в пространстве; о создании модели двухкомпонентной системы с парадоксальным равновесием, о перспективах применения своих открытий в математике, физике и других науках.



Увлечение математикой началось у Евгения Карпушкина в студенческие годы. После окончания срочной военной службы на КСФ и заочного обучения в средней школе моряков, Евгений Васильевич поступил в Ленинградский технологический институт холодильной промышленности. Чисто лекция, читаемые преподавателями, он делал рисунками прямоугольных спиралей, не понимая, что эта забава приведет его к открытиям в математике. После окончания института, уже работая научно-техническим переводчиком с английского языка, Евгений Васильевич выяснил, что эти спирали называются «спиралью Улама» в честь польского математика Станислава Мартина Улама, внесшего большой научный вклад в дело создания ядерного щита США. Однажды, при решении математической задачи, которая никак не поддавалась решению традиционным математическим методом, Евгений, чисто интуитивно, решил применить «спираль Улама». С заданием он справился, разгадав «спираль Улама» относительно прямоугольной системы координат Декарта. До этого времени никому из ученых не приходило в голову, что «спираль Улама» можно использовать как универсальный научный способ изучения математической, или декартовой, плоскости бесконечности. Убедившись в том, что упоминания об этой математической идее нет ни в одном учебнике и

пособии по математике, Евгений стал писать в научные организации Москвы, Ленинграда, и даже за рубежом. Но ученые, считающие, что это решение невозможно в принципе, на письма не отвечали. В 1999 г. Евгений Васильевич решил поделиться своей идеей с видным советским и российским ученым Сергеем Петровичем Капицей, но встречи с ним добиться так и не смог. Но, несмотря на неприманение его открытия, Евгений Васильевич не отчаивался. Шаг за шагом он довел свое открытие в математике до совершенства. В 2003 г. вышла в свет книга Карпушкина Е.В. «Основы математической инфинитологии». Работу Евгения высоко оценил известный математик Бенуа Мандельброт, создатель фрактальной геометрии и автор знаменитой книги «Фрактальная геометрия Природы». В своем письме он написал, что график простых чисел – уникальная по своей сути работа и истинный творческий труд. Чтобы популяризировать свои открытия, Евгений Васильевич создал Академию декартовой инфинитологии и является ее президентом. На вопрос, какое же практическое значение имеет его открытие, Евгений Васильевич отвечает: «Мое открытие позволяет решить многогранную задачу в математике, самая важная из которых – геометрическое методы изучения и исследования натуральных чисел и образуемые ими последовательности, в т.ч. их комплексно-калечатические эквиваленты» в прямоугольной системе координат Декарта. Наибольший здесь интерес для науки и математики могут представлять точечно-одноцветные графики натуральных простых чисел. Кроме того, это очень совершенный математический тренажер для освоения такой сложной темы как вычислительных уравнений или полиномов, которые порожаются с помощью точечных графиков. И, наконец, это исключительный край работ для программистов, которые откроют в будущем новые тайны натуральных чисел и сделают массу новых открытий в математике».

Математика занимает важное место в жизни Евгения Васильевича Карпушкина. Он с гордостью демонстрирует график простых чисел, чисел-близнецов, рождения Вселенной в момент Большого взрыва и др.; награды, среди которых серебряная медаль им. В.И.Вернадского (2012), золотая медаль «За новаторскую работу в области высшего образования» (2012) и церемониальная медаль почетного российского вице-президента Международного биографического центра при Кембриджском университете (2012, Англия). А 7 июня с.г. Европейский международный научный Консультатив награждает Евгения Васильевича своей новой научной наградой — Золотой медалью „Европейское наследство“.

Но главная ценность для Евгения Васильевича – его семья, здоровье и благополучие родных и близких ему людей. С большой нежностью он вспоминает свою бабушку, у которой провел свои детские годы. С огромной любовью относится к своей старенькой маме, которой исполнилось уже 89 лет; последние годы она страдает от тяжелого заболевания, но любовь и забота сына помогают Елене Ивановне стойко переносить свой недуг и не чувствовать себя совсем забытой и в одиночестве.



Недавно Евгений Васильевич получил письмо от Папы Римского Франциска - I, который благословил его на служение науке и пожелал стойкости и новых успехов.

R. Hubnner's WHO IS WHO IN RUSSIA Encyclopedia page with a brief information about the Nominee and his immediate relatives, was issued in 2 v.v. Represented colored page on Russian is published in 7 - th Edition (2013)V.2, p.1633. Nominee's biography from this edition is placed in V.1.p.p.1209-1210.