

*Special issue "30 years of publication of CMI*

## Creative Mathematics and Informatics: 30 years on

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**ABSTRACT.** We give a brief report on the foundation and evolution of the journal *Creative Mathematics and Informatics* during its first three decades of existence and focus mainly on its international impact and visibility as indicated by the data taken from the electronic databases Mathematical Reviews, zbMATH, SCOPUS and Web of Science.

### 1. INTRODUCTION

It is indeed a special event for all of us in the Department of Mathematics and Computer Science, North University Centre at Baia Mare (former North University of Baia Mare, now as part of Technical University of Cluj-Napoca), and also for the members of the Editorial Board, that the journal *Creative Mathematics and Informatics (CMI)* is in its 30th year of publication in 2021. On this occasion, we publish a Special issue (issue 2/2021) to celebrate this important anniversary for our academic community.

The journal was founded in 1991 by the author of this article (the founding and the current Editor-in-Chief of *CMI*), as a local publication intended to publish selected communications that were presented in the framework of the *Seminar on Creative Mathematics (Seminarul de Creativitate Matematică)*. The Seminar itself has been organized – starting with the academic year 1991-1992 – mainly for the undergraduate students of the programme "Mathematics and Physics" at University of Baia Mare, with the declared aim of attracting them toward extra curricular mathematical activities and – in this context – to supervise their interest in pursuing a research activity in mathematics.

The journal was published as *Lucrările Seminarului de Creativitate Matematică* starting from 1992 (the year its first issue has been printed) to 2002 and afterwards it has been re-named as *Creative Mathematics* in 2003 and appeared under this name only for three years: 2003, 2004 and 2005, since in 2006, the current and definitive name *Creative Mathematics and Informatics* has been adopted, in order to indicate on its cover the inclusion in the contents of some papers dedicated to computer science.

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 vol.1(1991-1992), pag. 25-38

The first volume of the *CMI*, consisting of one issue only, was released in 1992 and has been numbered after the academic year (1991-1992) and not after the calendar year – the numbering system that has been adopted later – see Figure below.

The current Editor-in-Chief was the only member of the Editorial Board for the first three volumes of *CMI* but, starting with volume 4 (1994-1995), the Editorial Board was already international and included, alongside the Editor-in-Chief (V. Berinde), the following members: Dan Bărbosu, Gabriella Kovacs and Maria S. Pop (all from University of Baia Mare), Francine Grandsard (Vrije Universiteit Brussel, Belgium) and Frederick W. Stevenson (University of Arizona, U.S.A.).

The topics covered by the first volumes of *Lucrările Seminarului de Creativitate Matematică* were mainly related to mathematics education, problem solving, history of mathematics, and interdisciplinary papers that involve mathematics and / or informatics, but several original research papers devoted to elementary mathematics (high school level) were also published, not necessarily presented to the meeting of the Seminar on Mathematics Creativity (Seminarul de Creativitate Matematică).

It is important to note that all the articles in the first five volumes of *CMI* were written in Romanian, with an Abstract in English or French, placed at the end of the article, between the Bibliography and authors' address and affiliation. Additionally, each volume included alongside the Contents in Romanian (Cuprins), with the original titles of articles in Romanian, the Contents with all titles of articles translated into English.

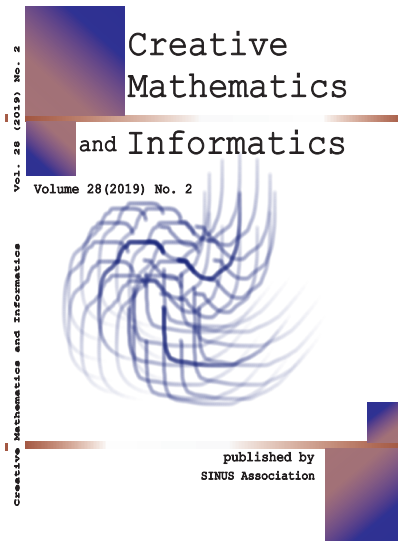
Contributors were recruited at the beginning amongst the teachers and students from Baia Mare. As anticipated in the Editorial of volume 1, the second volume of the journal, that is, volume 2 (1992-1993), already published four articles authored by four students at University of Baia Mare: Adina-Loredana Melniciuc, Monica Variu, Ana Otilia Stan, and Nicoleta Mada. The first two of them are now members of our Department (both are Lecturers).

The first contributor from abroad to *Lucrările Seminarului de Creativitate Matematică* has been Professor Constantin Corduneanu (University of Texas at Arlington, U.S.A.) with the paper *On the activity and achievements of the Romanian mathematicians abroad*, published in volume 3 (1993-1994), while the first paper written in a language different of Romanian was authored by Laszlo Maté from Technical University of Budapest: *A visual and constructive way to the contraction mapping theorem*, published in volume 5 (1995-1996).

Due to the inclusion of *Lucrările Seminarului de Creativitate Matematică* in the international mutual exchange programme of our Department, the journal took advantage of an international distribution starting with volume 6 (1996-1997). At the same moment, it started to be reviewed by *Zentralblatt für Didaktik der Mathematik*.

The second decade of life of *Lucrările Seminarului de Creativitate Matematică* was marked by publishing an increasing number of papers written in other languages than Romanian. For example, amongst the 22 articles published in volume 11 (2002), six articles were written in English and one in French (we should also note that, starting with volume 11, we adopted the calendar years for dating the volumes).

The constant international interest for our journal, consisting also in the increasing number of submissions having authors from abroad, suggested us to change the journal's original Romanian name, *Lucrările Seminarului de Creativitate Matematică*, by simply



(A) Front cover



(B) Back cover

FIGURE 1. Covers of volume (28) 2019, issue no. 2

translating it into English and shortening it, too. This happened in 2003, starting with volume 12. The name we adopted, *Creative Mathematics*, clearly expressed the editorial profile of the journal during its first eleven years of publication.

A note was put on the front cover: formerly *Lucrările Seminarului de Creativitate Matematică*, to remind the name hold by the journal during eleven years of publication. Accordingly, the cover has been also changed to the current beautiful one, see Figure 1, designed by the courtesy of the same graphic designer, Ruxandra Berinde.

Simultaneously, in order to ensure an international audience, all published articles in volume 12 (2003) and the next ones are written in English.

## 2. JOURNAL'S MODERNIZATION: WEB PAGE AND EDITORIAL SYSTEM

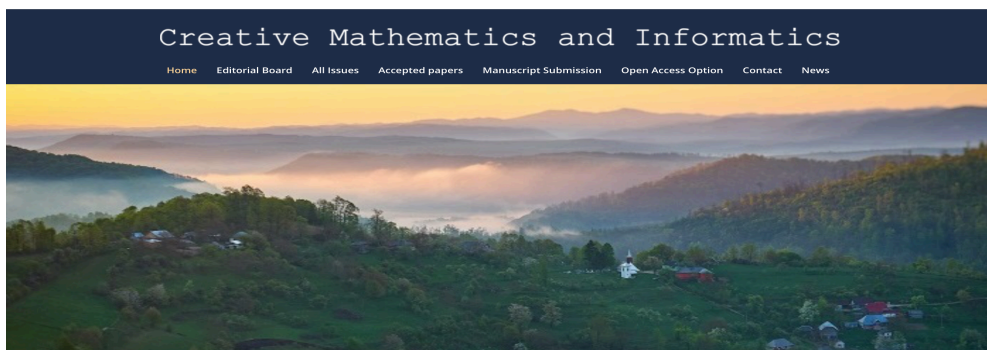


FIGURE 2. Print screen of the CMI web page

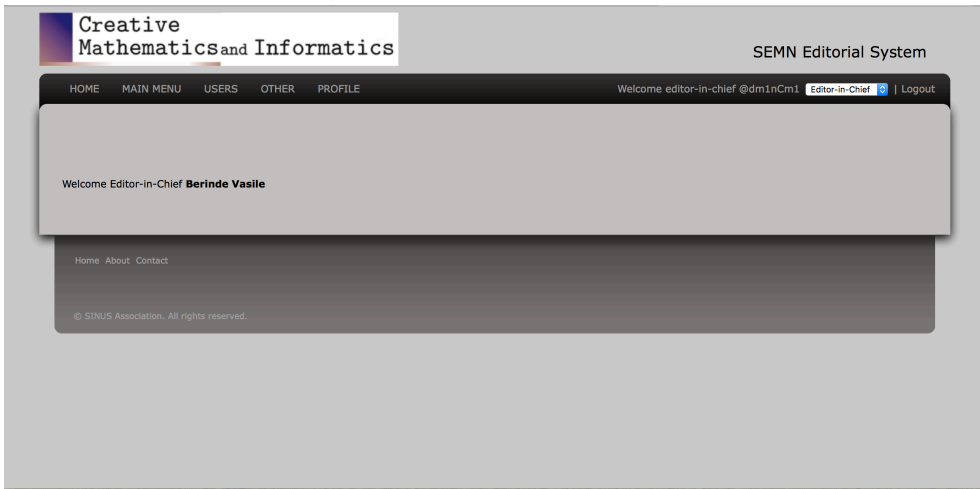


FIGURE 3. Print screen of the Editorial system login page

One of the main achievements of the editorial team of CMI was the implementation of the current electronic version, see Figure 1, and the designing, testing and implementing of the autonomous on-line editorial submission system SEMN (<http://semn.ubm.ro/cmi/>, until 2019, and afterwards relocated at <http://semnul.com/cmi/>).

For more details on these and other aspects related to the evolution of the journal we refer to the previous editorial [5], see also [3] and [4].

### 3. TOPICS COVERAGE

According to *Primary Classification*, the articles published in *Creative Mathematics and Informatics* and indexed / reviewed in MathScinet fall into the following categories:

- Operator theory (49 articles)
- General topology (46)
- Real functions (43)
- Approximations and expansions (43)
- Combinatorics (27)
- Numerical analysis (25)
- Functions of a complex variable (19)
- Sequences, series, summability (17)
- Number theory (13)
- Group theory and generalizations (13)
- Ordinary differential equations (13)
- Geometry (13)
- Difference and functional equations (11)
- Integral equations (8)
- Functional analysis (8)
- Differential geometry (8)
- Computer science (8)
- Operations research, mathematical programming (8)
- Special functions (6)
- Biology and other natural sciences (6)
- History and biography (5)
- Information and communication, circuits (5)
- Associative rings and algebras (4)
- Fourier analysis (4)

- Statistics (4)
- Game theory, economics, social and behavioral sciences (4)
- Order, lattices, ordered algebraic structures (3)
- Linear and multilinear algebra; matrix theory (3)
- Partial differential equations (3)
- Mechanics of particles and systems (3)
- Mechanics of deformable solids (3)
- Commutative rings and algebras (2)
- Topological groups, Lie groups (2)
- Dynamical systems and ergodic theory (2)
- Calculus of variations and optimal control; optimization (2)
- Convex and discrete geometry (2)
- Probability theory and stochastic processes (2)
- General (1)
- General algebraic systems (1)
- Field theory and polynomials (1)
- Measure and integration (1)
- Algebraic topology (1)
- Fluid mechanics (1)
- Relativity and gravitational theory (1)
- Astronomy and astrophysics (1)
- Systems theory; control (1).

#### 4. GEOGRAPHICAL COVERAGE

Although there is a dominance of Romanian authors in the first 26 volumes of CMI (1991-2017), however, in the last few years we note an improvement of the geographical coverage as shown in the following for the last three years indexed in MathScinet (2018, 2019 and 2020):

- Turkey: 31 authors and 40 articles;
- Romania: 29 authors and 42 art.;
- India: 16 authors and 22 articles;
- Senegal: 7 authors and 8 articles;
- Nigeria: 4 authors and 4 articles;
- Austria: 2 authors and 2 articles;
- Pakistan: 2 authors and 2 articles;
- USA: 2 authors and 4 articles;
- Australia, Algeria, Burkina Faso, Marocco, Moldova, Saudi Arabia, United Kingdom: 1 author and 1 article each.

#### 5. IMPACT AND VISIBILITY

**5.1. Mathematical Reviews / MathScinet.** In the mathematical database *Mathematical Reviews*, the journal is visible since 2003, the year it started being reviewed under the name "Creative Mathematics". Under this temporary name, only 19 articles have been indexed: 2003 (5 articles); 2004 (6 articles) and 2005 (8 articles). As by 2006, journal changed its name to "Creative Mathematics and Informatics" (CMI) with the aim of attracting papers from computer science and various applications of computer science.

This series comprises 441 articles indexed to date in *Mathematical Reviews*:

- 2021 (14 articles; issue no. 1);
- 2020 (29 articles; two issues);
- 2019 (26 articles; two issues);
- 2018 (23 articles; two issues);
- 2017 (39 articles; two issues);
- 2016 (27 articles; two issues);
- 2015 (28 articles; two issues);
- 2014 (29 articles; two issues);
- 2013 (27 articles; two issues);
- 2012 (26 articles; two issues);
- 2011 (27 articles; two issues);
- 2010 (31 articles; two issues);
- 2009 (30 articles; two issues);
- 2008 (61 articles; three issues);
- 2007 (15 articles; two issues) and
- 2006 (9 articles; two issues).

5.2. **zbMATH.** In the mathematical database *zbMATH*, the journal is visible since 2004, with a total of 475 articles indexed, distributed per years as follows (volume 29 (2020) is not yet indexed):

- 2019 (27 articles; two issues);
- 2018 (26 articles; two issues);
- 2017 (40 articles; two issues);
- 2016 (29 articles; two issues);
- 2015 (29 articles; two issues);
- 2014 (31 articles; two issues);
- 2013 (29 articles; two issues);
- 2012 (29 articles; two issues);
- 2011 (26 articles; two issues);
- 2010 (31 articles; two issues);
- 2009 (31 articles; two issues);
- 2008 (76 articles; two issues);
- 2007 (22 articles; two issues);
- 2006 (21 articles; two issues);
- 2005 (20 articles; two issues);
- 2004 (8 articles; two issues).

It should be noted that there exists a difference between the number of articles indexed by *zbMATH* and *Mathematical Reviews*, due to their slightly different editorial policies.

5.3. **Web of Science.** Although CMI is not yet indexed by the database Web of Science (Clarivate Analytics), we can measure the impact of papers published in CMI by using the search command "Cited Reference Search".

In this way we find that papers published in "Creative Mathematics and Informatics" have been cited by 621 articles indexed in Web of Science (Clarivate Analytics), with the following distribution per years: 2021 (43 citing articles); 2020 (87); 2019 (106); 2018 (82); 2017 (70); 2016 (59); 2015 (57); 2014 (36); 2013 (25); 2012 (23); 2011 (13); 2010 (6); 2009 (7), 2008 (5) and 2007 (2), with a total Web of Science (Clarivate Analytics) citations  $\geq 677$  (as by 8 February 2021).

The most cited papers in journals indexed by Web of Science (Clarivate Analytics) are:

- (1) Berinde, V.; Păcurar, M., *The role of the Pompeiu-Hausdorff metric in fixed point theory*, *Creat. Math. Inform.*, **22** (2013), no. 2, 35–42. (72 Web of Science citations)
- (2) Özdemir, M. E., Set, E. and Alomari, M., *Integral inequalities via several kinds of convexity*. *Creat. Math. Inform.* **20** (2011), no. 1, 62–73. (35 WoS citations)
- (3) Radu, C., *Statistical approximation properties of Kantorovich operators based on  $q$ -integers*. *Creat. Math. Inform.* **17** (2008), no. 2, 75–84. (30 WoS citations)
- (4) Olatinwo, M. O., *Some stability and strong convergence results for the Jungck-Ishikawa iteration process*. *Creat. Math. Inform.* **17** (2008), 33–42. (21 WoS citations)
- (5) Păcurar, M., *Remark regarding two classes of almost contractions with unique fixed point*. *Creat. Math. Inform.* **19** (2010), no. 2, 178–183. (21 WoS citations)
- (6) Berinde, V. and Choban, M., *Generalized distances and their associate metrics. Impact on fixed point theory*. *Creat. Math. Inform.* **22** (2013), no. 1, 23–32. (18 WoS citations)
- (7) Cîmpean, D., Lungu, N. and Pop, I., *A problem of entropy generation in a channel filled with a porous medium*. *Creat. Math. Inform.* **17** (2008), no. 3, 357–362 (2009). (17 Web of Science citations)
- (8) Mărușter, Ș. and Rus, I. A., *Kannan contractions and strongly demicontractive mappings*. *Creat. Math. Inform.* **24** (2015), no. 2, 171–180. (15 Web of Science citations)
- (9) Miclăuș, D., *On the GBS Bernstein-Stancu's type operators*. *Creat. Math. Inform.* **22** (2013), no. 1, 73–80. (11 Web of Science citations)
- (10) Set, E.; Akdemir, A. O. and Mumcu, I., *Hadamard's inequality and its extensions for conformable fractional integrals of any order  $\alpha > 0$* . *Creat. Math. Inform.* **27** (2018), no. 2, 197–206. (11 Web of Science citations)
- (11) Bărbosu, D., *Two dimensional divided differences revisited*. *Creat. Math. Inform.* **17** (2008), 1–7. (10 WoS citations)

- (12) Bârsan, I., Braica, P. and Fărcaș, M., *About approximation of B-continuous functions of several variables by generalized Boolean sum operators of Bernstein type on a simplex*. *Creat. Math. Inform.* **20** (2011), no. 1, 20–23. (10 Web of Science citations)
- (13) Berinde, V., *On a notion of rapidity of convergence used in the study of fixed point iterative methods*. *Creat. Math. Inform.* **25** (2016), no. 1, 29–40. (10 WoS citations)
- (14) Berinde, V. and Păcurar, M., *Two elementary applications of some Prešić type fixed point theorems*. *Creat. Math. Inform.* **20** (2011), no. 1, 32–42. (10 WoS citations)

We also include below the distribution of the Web of Science indexed journals that are citing papers published in CMI:

*Carpathian Journal of Mathematics* (56 citations); *Filomat* (29); *Journal of Inequalities And Applications* (27); *Applied Mathematics and Computation* (20); *Mathematics* (14); *Journal of Nonlinear and Convex Analysis* (13); *Fixed Point Theory And Applications* (12); *Miskolc Mathematical Notes* (12); *AIP Conference Proceedings* (10); *Results in Mathematics* (10); *Revista De La Real Academia De Ciencias Exactas Fisicas Y Naturales Serie A Matematicas* (9); *Advances In Difference Equations* (8); *Fixed Point Theory* (8); *Mathematical Methods In The Applied Sciences* (8); *Journal Of Mathematical Inequalities* (7); *Studia Universitatis Babes Bolyai Mathematica* (7); *Symmetry Basel* (7); *Abstract And Applied Analysis* (6); *Communications Faculty Of Sciences University Of Ankara Series A1 Mathematics And Statistics* (6); *European Journal Of Pure And Applied Mathematics* (6); *Facta Universitatis Series Mathematics And Informatics* (6); *International Journal Of Nonlinear Analysis And Applications* (5); *Journal Of Computational Analysis And Applications* (5); *Journal Of Computational And Applied Mathematics* (5); *Journal Of Fixed Point Theory And Applications* (5); *Journal Of Intelligent Fuzzy Systems* (5); *Journal Of Mathematical Analysis* (5); *Mediterranean Journal Of Mathematics* (5); *Neutrosophic Sets And Systems* (5); *Numerical Functional Analysis And Optimization* (5); *University Politehnica Of Bucharest Scientific Bulletin Series A Applied Mathematics And Physics* (5); *AIMS Mathematics* (4); *Analele Stiintifice Ale Universitatii Ovidius Constanta Seria Matematica* (4); *Cogent Mathematics* (4); *International Conference On Advances In Natural And Applied Sciences ICANAS 2017* (4); *International Journal Of Analysis And Applications* (4); *Journal Of Applied Mathematics And Computing* (4); *Journal Of Nanofluids* (4); *Journal Of Nonlinear Functional Analysis* (4); *Journal Of Nonlinear Sciences And Applications* (4); *Kragujevac Journal Of Mathematics* (4); *Tbilisi Mathematical Journal* (4); *Thai Journal Of Mathematics* (4); *Afrika Matematika* (3); *Applied Mathematics Letters* (3); *Bulletin Of The Malaysian Mathematical Sciences Society* (3); *Computers Mathematics With Applications* (3); *Fixed Point Theory And Graph Theory Foundations And Integrative Approaches* (3); *Georgian Mathematical Journal* (3); *Journal Of Applied Analysis* (3); *Journal Of Function Spaces* (3); *Journal Of Inequalities And Special Functions* (3); *Journal Of Interdisciplinary Mathematics* (3); *Journal Of Mathematical Analysis And Applications* (3); *Journal Of Mathematics* (3); *Mathematical Inequalities Applications* (3); *Numerical Algorithms* (3); *Russian Journal Of Mathematical Physics* (3); *Special Topics Reviews In Porous Media An International Journal* (3); *Turkish Journal Of Mathematics* (3); *TWMS Journal Of Applied And Engineering Mathematics* (3); *Acta Et Commentationes Universitatis Tartuensis De Mathematica* (2); *Acta Mathematica Universitatis Comenianae* (2); *Advances In Mathematical Inequalities And Applications* (2); *Alexandria Engineering Journal* (2); *Annales Mathematicae Et Informaticae* (2); *Bulletin Of The Korean Mathematical Society* (2); *Carpathian Mathematical Publications* (2); *Entropy* (2); *Hacettepe Journal Of Mathematics And Statistics* (2); *Heliyon* (2); *Honam Mathematical Journal* (2); *International Journal Of Computer Mathematics* (2); *Italian Journal Of Pure And Applied Mathematics* (2); *Jordan Journal Of Mathematics And Statistics* (2); *Journal Of Applied Mathematics Informatics* (2); *Journal Of Function Spaces And Applications* (2); *Journal Of Number Theory* (2); *Lecture Notes In Computer Science* (2); *Mathematica Slovaca* (2); *Mathematical And Computer Modelling* (2); *Mathematical Communications* (2);

*Nonlinear Analysis Modelling And Control* (2); *Nonlinear Analysis Theory Methods Applications* (2); *Nonlinear Dynamics* (2); *Positivity* (2); *Tamkang Journal Of Mathematics* (2); *Topology And Its Applications* (2); *Trends In Mathematics* (2); *ACM Transactions On Mathematical Software* (1); *Acta Mathematica Hungarica* (1); *Acta Mathematica Vietnamica* (1); *Acta Universitatis Sapientiae Mathematica* (1); *Advances In Intelligent And Soft Computing* (1); *Advances In Intelligent Systems And Computing* (1); *Advances In Nonlinear Analysis* (1); *Advances In Operator Theory* (1); *Advances In Space Research* (1); *Algebra Colloquium* (1); *Algorithms* (1); *Analele Stiintifice Ale Universitatii Al I Cuza Din Iasi Serie Noua Matematica* (1); *Annales Mathematicae Silesianae* (1); *Annals Of Functional Analysis* (1); *Applicable Analysis And Discrete Mathematics* (1); *Applied General Topology* (1); *Applied Mathematics A Journal Of Chinese Universities Series B* (1); *Applied Mathematics And Mechanics English Edition* (1); *Applied Mathematics E Notes* (1); *Applied Mathematics Information Sciences* (1); *Applied Thermal Engineering* (1); *Arabian Journal Of Geosciences* (1); *Arkiv For Matematik* (1); *Ars Combinatoria* (1); *Asian European Journal Of Mathematics* (1); *Australasian Journal Of Combinatorics* (1); *Baghdad Science Journal* (1); *Balkan Journal Of Geometry And Its Applications* (1); *Bollettino Della Unione Matematica Italiana* (1); *Boundary Value Problems* (1); *Bulletin Mathematique De La Societe Des Sciences Mathematiques De Roumanie* (1); *Bulletin Of Mathematical Sciences* (1); *Bulletin Of The Australian Mathematical Society* (1); *Bulletin Of The Belgian Mathematical Society Simon Stevin* (1); *Calcolo* (1); *Canadian Journal Of Physics* (1); *Central European Journal Of Mathematics* (1); *Chaos Solitons Fractals* (1); *Communications In Mathematics And Applications* (1); *Communications In Nonlinear Science And Numerical Simulation* (1); *Critical Studies Of Education Series* (1); *Demonstratio Mathematica* (1); *Differential Geometry And Its Applications* (1); *Discrete Dynamics In Nature And Society* (1); *Discrete Mathematics* (1); *Discussiones Mathematicae Graph Theory* (1); *Electronic Journal Of Linear Algebra* (1); *Engineering Failure Analysis* (1); *European Journal Of Operational Research* (1); *European Physical Journal Plus* (1); *Fractal And Fractional* (1); *Fuzzy Sets And Systems* (1); *Geo Marine Letters* (1); *Glasnik Matematicki* (1); *IEEE Access* (1); *Indagationes Mathematicae New Series* (1); *Indian Journal Of Physics* (1); *Indian Journal Of Pure Applied Mathematics* (1); *Intelligent Systems Reference Library* (1); *Intercultural Collaboration* (1); *International Electronic Journal Of Geometry* (1); *International Journal Of Advanced And Applied Sciences* (1); *International Journal Of Analysis* (1); *International Journal Of Geometric Methods In Modern Physics* (1); *International Journal Of Numerical Methods For Heat Fluid Flow* (1); *Iranian Journal Of Mathematical Chemistry* (1); *Iranian Journal Of Mathematical Sciences And Informatics* (1); *Iranian Journal Of Science And Technology Transaction A Science* (1); *Journal Of Ambient Intelligence And Humanized Computing* (1); *Journal Of Applied Mathematics* (1); *Journal Of Approximation Theory* (1); *Journal Of Computational And Nonlinear Dynamics* (1); *Journal Of Contemporary Mathematical Analysis Armenian Academy Of Sciences* (1); *Journal Of Convex Analysis* (1); *Journal Of Marine Science And Engineering* (1); *Journal Of Mathematical Extension* (1); *Journal Of Mathematics And Computer Science JMCS* (1); *Journal Of Optimization Theory And Applications* (1); *Journal Of Physics A Mathematical And Theoretical* (1); *Journal Of Polytechnic Politeknik Dergisi* (1); *Journal Of Science And Arts* (1); *JP Journal Of Algebra Number Theory And Applications* (1); *Korean Journal Of Mathematics* (1); *Linear Algebra And Its Applications* (1); *Lobachevskii Journal Of Mathematics* (1); *MATCH Communications In Mathematical And In Computer Chemistry* (1); *Matematicki Vesnik* (1); *Mathematica Bohemica* (1); *Mathematica Montisnigri* (1); *Mathematical Analysis And Its Applications* (1); *Mathematical Methods In Engineering Theoretical Aspects* (1); *Mathematical Modelling And Analysis* (1); *Mathematical Problems In Engineering* (1); *Mathematical Sciences* (1); *Mathematics And Computers In Biology And Chemistry* (1); *Mathematics And Computers In Simulation* (1) etc.



5.4. **SCOPUS.** Although CMI is not yet indexed by the database SCOPUS, we can measure the impact of papers published in CMI by searching directly in the "References" list, a facility offered by SCOPUS (but not by WoS).

On the other hand, it is rather difficult to identify all citations in SCOPUS since the name *Creative Mathematics and Informatics* of the journal appears in various forms: the complete name (62 documents found); *Creat. Math. Inform.* (314 documents); *Creative Math. Inform.* (76 documents); *Math. Inform.* and the word "Creat" separately (337 documents); *Creative Math. & Inf* (1 document) etc. In this way we found that papers published in "Creative Mathematics and Informatics" have been cited in more than 830 documents indexed in SCOPUS with an approximate total of SCOPUS citations  $\geq 750$  (as by 8 February 2021). The most cited papers in journals indexed by SCOPUS are:

- (1) Berinde, V.; Păcurar, M., *The role of the Pompeiu-Hausdorff metric in fixed point theory*, *Creat. Math. Inform.*, **22** (2013), no. 2, 35–42. (74 SCOPUS citations)
- (2) Özdemir, M. E., Set, E. and Alomari, M., *Integral inequalities via several kinds of convexity*. *Creat. Math. Inform.* **20** (2011), no. 1, 62–73. (35 SCOPUS citations)
- (3) Radu, C., *Statistical approximation properties of Kantorovich operators based on  $q$ -integers*. *Creat. Math. Inform.* **17** (2008), no. 2, 75–84. (23 SCOPUS citations)
- (4) Olatinwo, M. O., *Some stability and strong convergence results for the Jungck-Ishikawa iteration process*. *Creat. Math. Inform.* **17** (2008), 33–42. (22 SCOPUS citations)
- (5) Păcurar, M., *Remark regarding two classes of almost contractions with unique fixed point*. *Creat. Math. Inform.* **19** (2010), no. 2, 178–183. (21 SCOPUS citations)
- (6) Cîmpean, D., Lungu, N. and Pop, I., *A problem of entropy generation in a channel filled with a porous medium*. *Creat. Math. Inform.* **17** (2008), no. 3, 357–362 (2009). (19 SCOPUS citations)
- (7) Set, E., Sarikaya, M. Z. and Gözpinar, A., *Some Hermite-Hadamard type inequalities for convex functions via conformable fractional integrals and related inequalities*. *Creat. Math. Inform.* **26** (2017), no. 2, 221–229. (19 SCOPUS citations)
- (8) Berinde, V. and Choban, M., *Generalized distances and their associate metrics. Impact on fixed point theory*. *Creat. Math. Inform.* **22** (2013), no. 1, 23–32. (15 SCOPUS citations)
- (9) Set, E.; Akdemir, A. O. and Mumcu, I., *Hadamard's inequality and its extensions for conformable fractional integrals of any order  $\alpha > 0$* . *Creat. Math. Inform.* **27** (2018), no. 2, 197–206. (14 Web of Science citations)
- (10) Mărușter, Ș. and Rus, I. A., *Kannan contractions and strongly demicontractive mappings*. *Creat. Math. Inform.* **24** (2015), no. 2, 171–180. (13 SCOPUS citations)
- (11) Fărcaș, M. D., *About approximation of  $B$ -continuous and  $B$ -differentiable functions of three variables by GBS operators of Bernstein type*. *Creat. Math. Inform.* **17** (2008), no. 2, 20–27. (11 SCOPUS citations)
- (12) Miclăuș, D., *On the GBS Bernstein-Stancu's type operators*. *Creat. Math. Inform.* **22** (2013), no. 1, 73–80. (11 SCOPUS citations)
- (13) Set, E., Sarikaya, M. Z., Gözpinar, A., *Some Hermite-Hadamard type inequalities for convex functions via conformable fractional integrals and related inequalities*. *Creat. Math. Inform.* **26** (2017), no. 2, 221–229. (11 SCOPUS citations)
- (14) Bârsan, I., Braica, P. and Fărcaș, M., *About approximation of  $B$ -continuous functions of several variables by generalized Boolean sum operators of Bernstein type on a simplex*. *Creat. Math. Inform.* **20** (2011), no. 1, 20–23. (10 SCOPUS citations)
- (15) Berinde, V., *On a notion of rapidity of convergence used in the study of fixed point iterative methods*. *Creat. Math. Inform.* **25** (2016), no. 1, 29–40. (10 SCOPUS citations)

- (16) Berinde, V. and Păcurar, M., *Two elementary applications of some Prešić type fixed point theorems*. *Creat. Math. Inform.* **20** (2011), no. 1, 32–42. (10 SCOPUS citations)
- (17) Miheșan, V., *Gamma approximating operators*. *Creat. Math. Inform.* **17** (2008), no. 3, 466–472 (2009). (10 SCOPUS citations)
- (18) Petric, M. A., *Some remarks concerning Ćirić-Reich-Rus operators*. *Creat. Math. Inform.* **18** (2009), no. 2, 188–193. (10 SCOPUS citations)

## 6. CONCLUSIONS

During its first thirty years of publication, the journal *Creative Mathematics and Informatics* has recorded a clear ascending evolution but still remain some important challenges for its Editorial Board: 1) to attract more high quality papers; 2) to attract more papers in computer science; 3) to achieve indexing in some other important electronic databases (SCOPUS, Web of Science), alongside of Mathematical Reviews, zbMATH, EBSCO etc.

## REFERENCES

- [1] Ardelean, Gh. INDEX VOL. I-X. Lucrările Seminarului de Creativitate Matematică. *Lucr. Semin. Creativ. Mat.* **10** (2001), 225–232.
- [2] Berinde, V. Prefață la volumul I al Seminarului de Creativitate Matematică. *Lucr. Semin. Creativ. Mat.* **1** (1991-1992), i–ii.
- [3] Berinde, V. 10 ani de apariție a revistei Lucrările Seminarului de Creativitate Matematică. *Lucr. Semin. Creativ. Mat.* **10** (2001), i–ii.
- [4] Berinde, V. Creative Mathematics and Informatics: Celebrating 20 years of publication. *Creat. Math. Inform.* **20** (2011), no. 2, i–vi.
- [5] Berinde, V. Creative Mathematics and Informatics: celebrating a quarter century of publication. *Creat. Math. Inform.* **25** (2016), no. 2, i–viii.

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