

GGIJRO – The International Journal GeoGebra The New Language for The Third Millennium Past, Present and Future

Founded in 2010, GGIJRO opened the way for a new scientific structure, near the IGI (International GeoGebra Institute), in order to give a virtual environment and a physical printed space for all the people around the world who could develop scientific research in GeoGebra structures.

With an enthusiasm and real support, an interesting international board has sustained the proposed project and for this reason, today, I would like to express my gratitude to all the editorial board.

After approximatively six years we can appreciate that many objectives that have been proposed at the first apparition on Vol.1 No.1, have been achieved and we could climb today, trying to declare other interesting desires to be part of our plan of development.

Even from the early beginning, the editorial board has considered that the structure log GGIJRO, can provide students, teachers, researchers, the space for expression that can be evaluated by the scientific commissions and noted as containing works which are found in scientific databases such as Copernicus, DOAJ, Google Scholar and others. Considering it as a real scope, GGIJRO has registered year after year, more and more in other new international database of its kind with a major impact in literature.

Even if the successes of IGI and GeoGebra software were very important, the 3D evolution, the implementation in androids, research on GeoGebra-Tube, GGIJRO has covered that part of the academic research with an important visibility in the international academic databases and the presence of the written materials and on-line format in many, many libraries of universities around the world.

The journal GeoGebra “The New Language for The Third Millennium” was founded as a part of GeoGebra Institute of Timisoara, Romania, agreed by International Institute of GeoGebra, as a bi-annual journal – in printed form with ISSN: 2068-3227 and also an e-printed journal with ISSN: 2247-7241.

The GeoGebra Journal with the acronym “GGIJRO” was defined as an Open Access-Journals which used a funding model that does not charge readers or their institutions for access. Users have the right to “read, download, copy, distribute, print, search, or link” to the full texts of articles.

Since 2010, GGIJRO-journal has accepted publication of original scientific work in any GeoGebra area, but in the same way, papers from other domains such as Mathematics, Physics, Biology, Geography, Engineering, Technical Science or Didactic of Disciplines.

Exploring the first apparition of the first journal in 2010, we could resume some titles and authors as: “GeoGebra in the context of the IT Surrounding Environment” - Antohe Valerian - Romania; “Exploring differential geometric space

using GeoGebra” - Kyeong-Sik Choi - Korea, 2010; “First Decade of GeoGebra: Looking back through Socio-Cognitive Lenses” - Dragana Martinovic, Zekeriya Karadag, Viktor Freiman - Canada; “Some geometric models of ancient astronomy with Geogebra” - Leandro Tortosa - Spain; “Using GeoGebra as an Expressive Modeling Tool: Discovering the Anatomy of the Cycloid’s Parametric Equation” - Tolga Kabaca, Muharrem Aktunen - Turkey; all of these belong to the year of 2010 and of course these research represent an actual today and tomorrow.

Year 2011 brought in the journal pages, new countries and new authors: “A development-oriented approach to promote reflection competence of teacher students” - Detlef E. Peukert - Germany; “GeoGebra as a motivational tool for teaching according new curriculum in Slovakia” - Ján Gunčaga - Slovakia; “Visualizing Triangle Centers Using Geogebra” - Sanjay Gulati - India; “Education and Social Inclusion” - Houghton Stuart- UK.

We are proud today to announce that the journal has put together authors from all continents around the world and the number of visitors on the Journal site has climbed day by day, with a number around 1500 visitors and 6000 views every year between 2013-2015, (Fig.1 and Fig.2).



Fig. 1 Views and visitors

In 2010, Markus Hohenwarter and Zsolt Lavicza wrote in the article “Gaining momentum: GeoGebra inspires educators and students around the world”, that: “We are delighted that this book addresses and details many developments in the GeoGebra community. Papers in the book include innovative practices and research approaches of GeoGebra from many new perspectives. We are certain that this book will contribute greatly to the work of the community and encourage others to get involved in our work and efforts”.

Today one could say that the GGIJRO journal it is an important way to make science and the journal invite and involve students and educators to make science with GeoGebra.

Our life has changed its speed and this does not allow us to be connected with the attitude of contemplation. The notions of “to return to” or “to be late for”, to spend more time to re-reading, and to be involved into any action of contemplating, this could be the essence of the human culture. “To come back to”, “to reflect at” classical mathematical lectures, these could be a real revelation for some old generation but, impossible to be detected, more and more, to the young generation. Once again one could consider that the GGIJRO brings to the new generation these kind of classical mathematical lectures.

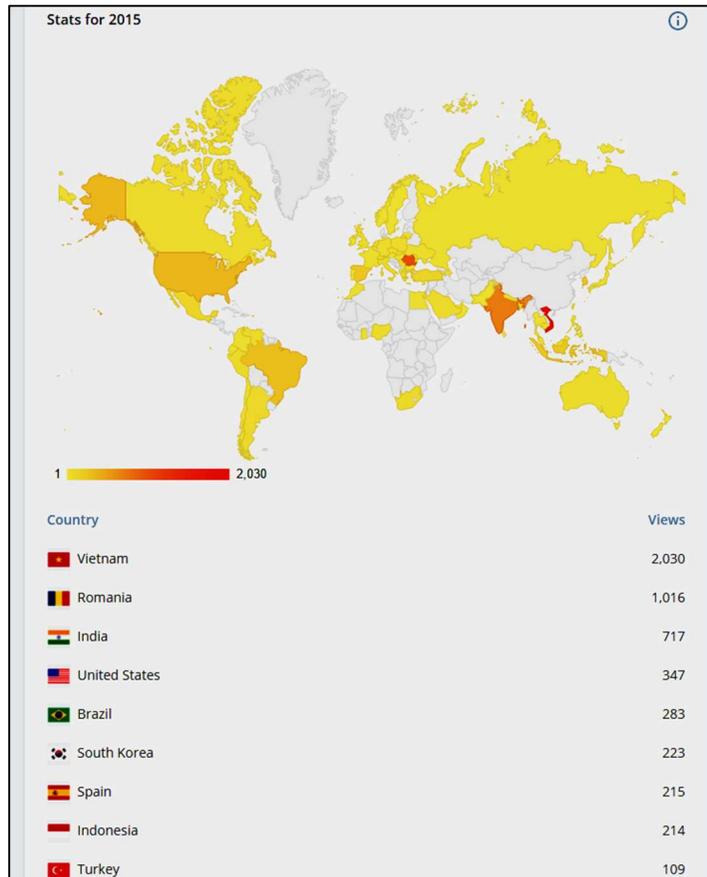


Fig.2. Stats for 2015 with map of visitors

During the time GGIJRO has sustained many important conferences, workshops or symposiums, national and international. In these sense we could mention GeoGebra Workshop, Braila, Romania, 2010, the international symposium “Teaching science in the IT environment” Braila, Romania 8-9 Mai 2015, GeoGebra International Conference, Budapest, Hungary, 2014 and “GeoGebra Global Gathering 2015”, Linz, Austria. GGIJRO has sustained teachers which graduated academic levels or students that prepared their MS Thesis in Mathematics Education. In this sense we mention the impact of GGIJRO in Nigeria and the activity of candidate

Isaiah Adegoke Akanmu, Nigeria. Not in the end we could appreciate that GGIJRO it is a recognised and appreciated publication in India, Vietnam, Spain, Argentina, Brazil or Ukraine.

With esteem and respect to some members of the Scientific Committee who passed away during this time, we shall keep a moment of silence. "God bless them!" for PhD Prof. **Lucian Luca** ⁺, "Tibiscus University" of Timisoara, Romania PhD. Prof. **Constantin Stanciu** ⁺, "Dunărea de Jos University" of Galati, Romania, PhD. Prof. **Aurel Ciurea** ⁺, "Dunărea de Jos University" of Galati, Romania.

The teachers who use GeoGebra must be more specific, more "open minded", willing to allow for experimentation, and give more guidance at the start of any GeoGebra experiment.

Flexibility of learning means flexibility of relation between teachers and students. This implies new situation of learning and a special development of new methods of teaching.

The adequately integrating any such approaches into projects can lead to the development of 'meta-mathematical' skills, which are particularly useful in technological instruction and technology applications. On the social side, the impact of GeoGebra may be important in shifting perceptions about mathematics as a solitary activity to the more harmonic view of mathematics as social activity, (Antohe.V., & Antohe. C., 2014).

This paradigm it is actual and will be a rainbow which will cover all GGIJRO activities in the future.

The editorial board of GGIJRO will be open to any suggestion and observation about the form and the format of the journal in the future. We shall wait in the future new members in the editorial board, we shall renew the agreement of the existing board and not in the end we shall wait for other international institutions which want to be part of our team as partner institutions and we shall offer support for any future activities, projects or didactic sceneries under GeoGebra umbrella.

Editor in Chief,
PhD Math. Eng. **Valerian ANTOHE**

Braila, Romania, 09.02.2016