

New editor appointed



The scientific areas of interest of Dorin Andrica are differential topology (critical point theory with applications, Morse theory with applications), differential geometry, number theory, mathematics education, and mathematics in competitions and Olympiads. He has published numerous books, monographs, and conference volumes, over 200 scientific articles, and has participated in many national and

international conferences and symposia. His work is cited in numerous scientific papers, monographs, and doctoral theses. He is a member of the editorial boards of several specialized journals.

It is worth noting that he has published 12 books with prestigious international publishers in English, Arabic, Portuguese, Japanese, and Korean. He is the author of over 1,000 original problems proposed in various journals in Romania and abroad. He ranks 85th among contributors to *Gazeta Matematică* since its founding (over 130 years of continuous publication), based on the number of problems and articles published.

Among the many awards and distinctions received by Professor Dorin Andrica from Babeş–Bolyai University are: the Scientific

Excellence Diploma (2002 and 2005), the Institutional Innovation Diploma (2003), the Comenius Award (2009), the Teaching Excellence Diploma (2016). Also, he received the SSMR Diploma “110 years of continuous publication of *Gazeta Matematică*” (2005), and the SSMR Excellence Diploma (2017).

He has carried out numerous teaching and research visits at prestigious universities abroad, including King Saud University, Riyadh, Saudi Arabia (January 2010–June 2012), and Columbus State University, Columbus, GA, USA (Mildred Miller Fort Foundation Visiting Scholar position, August–December 2013).

The inequality $\sqrt{p_{n+1}} - \sqrt{p_n} < 1$, for every natural number $n \geq 1$, concerning the sequence of prime numbers, is known as “Andrica’s conjecture.” It is one of the difficult open problems of contemporary mathematics and is mentioned in numerous papers, books, and online sources.

His continuous presence since 1982, in the central committees of the National Mathematics Olympiads represents a landmark for the community of Romanian teachers dedicated to high-performance school mathematics. He also served as senior coordinator at the 40th International Mathematical Olympiad (Bucharest, 1999), at the 50th International Mathematical Olympiad (Cluj Napoca, 2018), and at two Balkan Mathematical Olympiads (Bucharest 1986, Iaşi 2005).