

BULGARIAN JOURNAL OF THEORETICAL AND APPLIED  
MECHANICS 46' YEARS OF SCIENCE AND CULTURE

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**ABSTRACT:** We feel highly honoured and privileged to write this: As the distinguished American poet and philosopher Ralph Waldo Emerson said: "Don't be too timid and squeamish about your actions. All life is just an experiment. The more experiments you make the better. What if they are a little coarse and you may get your coat soiled or torn? What if you do fail, and get fairly rolled in the dirt once or twice? Up again, you shall never be so afraid of a tumble." When the authors started to write this paper, he considered what introduction to use in this section. Since 1997's lots of papers were written by authors from around the world in Bulgarian Journal of Theoretical and Applied Mechanics are the fruits of scientific research are nourished by many roots, including the earlier work of other scientists. This fruit of science is going through by many experiences and efforts. On the other hand, the name proposed by the National Committee of Theoretical and Applied Mechanics at the Bulgarian Academy of Sciences: "Theoretical Mechanics" is wonderful, theoretical mechanics with an "applied aspect" even more wonderful. This declaration is a love story, combined the science and culture during 46'years of the journal evolution.

**KEY WORDS:** Bulgarian Journal of Theoretical and Applied Mechanics (JTAM), science, culture.

The science and culture results of journal publication is full of great works that have marked a turning point in the development of a branch of knowledge, and in which the proposals for a new theoretical frame of reference or a new systematization of the known facts were preceded by an extensive historical introduction consisting in the evolution of the topic up to that moment. From the 18<sup>th</sup> century on, with the growing specialization in science that gave rise to new disciplines, and the acceleration of changes in theories and scientific method, the number of works of this kind has

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grown considerably [1]. Science is part of culture, and how science is done largely depends on the culture in which it is practiced. On the other hand, reading the paper in Bulgarian Journal of Theoretical and Applied Mechanics is a must for researcher, students. . . etc, interested in research, for choosing their topics and carrying out their experiments. Scientific papers in that field (i.e., theoretical and applied mechanics) will help one understand what has already been discovered and what questions remain unanswered and thus help in designing one's research project. This research project is a very interest point for Journal development. At present, there are about 570 papers at high level in Bulgarian Journal of Theoretical and Applied Mechanics since 1997's. These are papers written to present findings on the new scientific discoveries or describe earlier work to acknowledge it and place new findings in the proper perspective. These are papers published in this journal are excellent and more valued by a peer-reviewed. This short paper writing by authors is a declaration and letter for Editor-in-Chief (professor St. Radev), Editorial Board, Advisory Editorial Board, Founding Editor and Publisher DE GRUYTER OPEN for a excellent work during 46 Years of science and culture for readers (professor, students,. . . etc) in mechanics field (*Solid Mechanics, Fluid Mechanics, Continuum mechanics, Fracture mechanics, General mechanics. . .*).

A Journal of Theoretical and Applied Mechanics is a quarterly publication of the National Committee of Theoretical and Applied Mechanics at the Bulgarian Academy of Sciences. More reason for quality of this journal: (1) Rigorous and fair reviewers (offer a rigorous and fair reviewers service which is overseen by the journal's Editorial Board. Also, aim for two expert referee reports on every article, ensuring quality and fairness) (2) Open access (open access option will make the published version of all article free).

In closing, we would like to extend heartfelt thanks to Editor-in-Chief St. Radev and his staff, not only for the outstanding job that they did guide the Journal, but also for their wonderful assistance and invaluable advice during the transition. We would also like to express our gratitude to the National Committee of Theoretical and Applied Mechanics at the Bulgarian Academy of Sciences for their support and encouragement to help make JTAM the journal it is today. JTAM Editorial offices could not exist (literally!) without their contributions. So, a Good year to JTAM at 46 years of sciences and we look forward to the next 46 years for reading a wonderful papers in mechanics field.

#### REFERENCES

- [1] CAPEL, H. The History of Science and the History of the Scientific Disciplines. Goals and Branching of a Research Program in the History of Geography. *Geo-Crítica*, **84** (1989), p. 56.