

## THE 80-ANNIVERSARY OF ACADEMICIAN G. BRANKOV



Academician Georgi Brankov was born on January 24, 1913 in the town of Mezdra, Bulgaria. On his initiative in 1962 the Institute of Technical Mechanics of the Bulgarian Academy of Sciences was founded, in 1968 the National Committee of Theoretical and Applied Mechanics was organized and in 1971 the Serial of Theoretical and Applied Mechanics was started as a publication of the National Committee of Theoretical and Applied Mechanics. Later on the Serial developed into the Journal of Theoretical and Applied Mechanics, which at present is edited by the Institute of Mechanics at the Bulgarian Academy of Sciences. Academician G. Brankov has been Editor-in-Chief of the Journal since its founding. Under his highly efficient management the Journal has occupied a leading place among the Bul-

garian scientific publications and has achieved large international recognition.

Academician G. Brankov is an outstanding and well-known all over the world scientist and researcher in the field of Mechanics and its applications. He is the author of numerous publications that have basic significance to different trends of Mechanics. Here are some of his monographs:

1. Reinforced Concrete Shells. Sofia, 1954.
2. Some Problems of Moment and Membrane Theory of Shells. Sofia, 1959.
3. Corrugated Shell Constructions. Sofia, 1961.
4. On the Study of Corrugated Shells. Sofia, 1964.
5. Mechanics of Polymers. Sofia, 1967.
6. Development of Scientific Research on Theoretical and Applied Mechanics in *PR* Bulgaria. Sofia, 1969.
7. Building Constructions and Theory. Sofia, 1970.
8. Basic Problems of the Theory of Visco-Elasticity. Sofia, 1972.
9. Foundations of Seismic Mechanics and Earthquake Engineering (with coauthors). Sofia, 1973
10. Basic Questions of Biomechanics. Sofia, 1973.
11. Basic of Biomechanics (in Russian). Sofia, 1978.
12. Introduction in Mechanics of Discrete Medium. Sofia, 1981.
13. Selected Papers. Sofia, 1985.
14. Quantum Biomechanics. Sofia, 1987.
15. Research Problems of Building and Architecture in Seismic Regions (with coauthors). Sofia, 1990.

16. Concise Encyclopedia of Seismic Mechanics and Seismic Engineering (accepted for publication).

Academician G. Brankov has mastered original technical solutions and technologies: the first Bulgarian very complex frame construction and shell construction of the roof of the National Stadium "V. Levski", various precast reinforced concrete units and constructions, polymeric and composite material constructions, the first glass-plastic covering system, biomechanical methods in Medicine, contemporary scientific approaches to anti-seismic constructions, etc.

Academician G. Brankov is a recognized contributor to the organization and leadership of Science. For many years he has been Full Professor and Chair Leader in the Higher Institute of Architecture and Civil Engineering and in the Center of Mathematics and Mechanics – an integral unit of the Sofia University and the Bulgarian Academy of Sciences. Many of his students have become leading scientists and researchers. Academician G. Brankov has been Director of the Institute of Mechanics, President of the National Committee of Theoretical and Applied Mechanics, President of the National Committee of Seismic Constructions, Vice-President of the Bulgarian Academy of Sciences and its Principal Scientific Secretary, Minister of the State Committee of Architecture and Civil Engineering, etc. His activity in various international organizations and societies is well known. He has been Bulgarian Representative in the ICSU and IUTAM, President of the European Association of Anti-Seismic Engineering, Member of The European Academy of Science, Art and Literature, Honorary Member of many National Societies of Theoretical and Applied Mechanics and of Biomechanics, etc.

On the occasion of his Anniversary we sincerely wish many more full of good health and creative success years to our Editor-in Chief – Academician G. Brankov.

The Editorial Staff