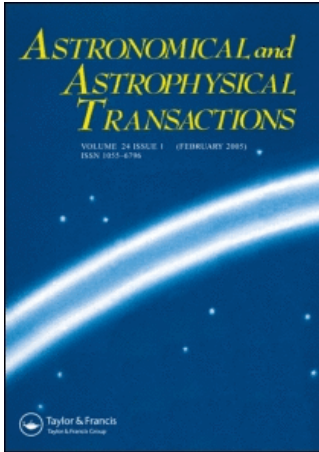


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#### Professor tateos artemjevich agekian

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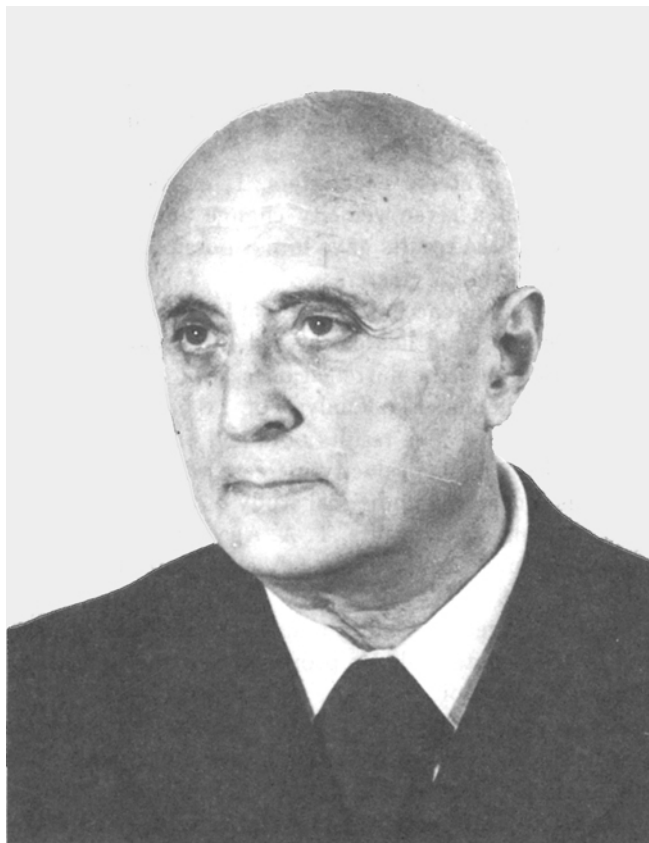
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## **Professor Tateos Artemjevich Agekian**

T. A. Agekian was born on May 12, 1913 in Batum. He graduated from the Leningrad University in 1938 and began to work as a school teacher. Some years later he began his post-graduate course. The Great Patriotic War interrupted his study. T. A. Agekian participated in the war as a Chief of Staff of an artillery regiment.

After the demobilization, T. A. Agekian returned to the Leningrad University and worked at the Department of Stellar Astronomy. He received the degree of Candidate of Physical and Mathematical Sciences in 1947. In 1960, he became a Doctor of Physical and Mathematical Sciences and later he received the title of Professor. At present, Professor T. A. Agekian is the Head of Laboratory of Stellar Dynamics and Celestial Mechanics of the Astronomical Institute of St. Petersburg University.

The most of his work are connected with applying the methods of mathematical statistics and theory of random processes to stellar astronomy. In particular,

studying the results of star and galaxy counts, he was able to separate the effects of real clustering and the effects due to a clumpy structure of the absorbing layer and to estimate the cluster parameters.

Developing the theory of stellar encounters, T. A. Agekian has found the probability of encounters with a given velocity change and studied the effect of the encounter multiplicity. These results gave him a possibility to find a new estimate for the dissipation rate in stellar clusters.

In the studies of the influence of the stellar evaporation on the evolution of rotating systems, T. A. Agekian has discovered the existence of two evolutionary subsystems: the spherical and the flattened ones.

T. A. Agekian gave an exhaustive analysis of the photogravitational interaction between stars and gas clouds. The results obtained provide a possible explanation for the phenomenon of the stellar velocity increase with age.

T. A. Agekian has initiated a numerical study of triple systems and a statistical analysis of results. Among other results, T. A. Agekian and his collaborators found the probabilities of capture and exchange. A classification of the states of triple systems was proposed.

Since the 70's, T. A. Agekian studies mainly the problem of motion in the field of an axially symmetrical potential. He proposed new methods and achieved some new results in this difficult topic.

T. A. Agekian has written the book "Stars, galaxies, the Metagalaxy" and some chapters of the "Poulkovo" Course of Astrophysics and Stellar Astronomy. He is also an author of manuals "Foundations of the Error Theory for Astronomers and Physicists" and "The Probability Theory for Astronomers and Physicists".

A brilliant lecturer, an exigent adviser and referee, Professor T. A. Agekian is one of the pioneers of Russian and world Stellar Dynamics.