

# The Batrakov Effect

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**Abstract.** The report is dedicated to the centenary of the birth of the outstanding Russian scientist and celestial mechanician Yuri Vasilievich Batrakov. The report focuses on two of his classic works, “Periodic Motions of a Particle in the Gravitational Field of a Rotating Triaxial Ellipsoid” and “On the Distribution of Mean Motions of Asteroids Near Commensurabilities,” whose publication in 1957 and 1958 coincided with the beginning of the space age.

## References

- [1] Batrakov, Yu. V. “Periodic Motions of a Particle in the Gravitational Field of a Rotating Triaxial Ellipsoid.” Bulletin of the Institute of Theoretical Astronomy, USSR Academy of Sciences. V. 6, No. 8 (81), pp. 524–542. 1957.
- [2] Batrakov, Yu. V. “On the Distribution of Mean Motions of Asteroids Near Commensurabilities.” Bulletin of the Institute of Theoretical Astronomy, USSR Academy of Sciences. V. 6. No. 9 (82). pp. 577–580. 1958.

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