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MATHEMATICAL METHODS IN STUDYING THE STRUCTURE AND DYNAMICS OF GRAVITATING SYSTEMS

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PART II

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PREFACE

This issue contains the second part of the Proceedings of the International Conference "Mathematical Methods in Studying the Structure and Dynamics of Gravitating Systems". It includes the works dealing with Dynamical Astronomy (in a wide sense), Collective Processes in Graviplasma, and N-body simulations.

It is to be noted that studies of the collective processes in stellar systems began from pioneering works of Dr. V. A. Antonov (1960, 1962). At present time, he actively studies different problems of Dynamical Astronomy.

The participants of the Conference congratulated Dr. V. A. Antonov with his sixtieth birthday and wished him successful activities. We think that all researchers in stellar dynamics will join the congratulations.

Leonid Ossipkov

Dedicated to Dr. V. A. Antonov on the occasion of his sixtieth birthday.