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J. Moser
on the 90th
anniversary

JÜRGEN MOSER MEMORIAL ISSUE

The year 2018 marks the 90th birthday of Jürgen Kurt Moser, and 2019 marks the 20th anniversary of his death. This special issue honors his memory as a leading mathematician of the modern era and as a great human being. He was one of the first to support the foundation of the journal “Regular and Chaotic Dynamics” (RCD). In this issue, we continue the tradition, started 20 years ago, of publishing special issues dedicated to Jürgen Moser on the occasion of his birthday. The first special RCD issue in 1998 (vol. 3, no. 3) was inspired by J. Moser himself. Sadly, he had only a year to live after celebrating his 70th birthday.

The memorial volume dedicated to J. Moser’s 80th birthday was published in two parts, vol. 13, no. 6 (2008) and vol. 14, no. 1 (2009), and gathered contributions of most of his former colleagues and students he had supervised. The main content is preceded by J. Moser’s *curriculum vitae* and full bibliography which still can be downloaded from <http://rcd.ics.org.ru/>.

As time goes by, his results are gaining in importance and finding new followers. This issue includes papers covering a wide range of modern research related to the areas that were originated or greatly influenced by J. Moser, and emphasize the following topics which are also central subjects of RCD: integrable and nonintegrable systems; stability, KAM theory and its applications; celestial mechanics; complex analysis and variational methods in dynamics. Some of the contributions are brief recollections of meetings and discussions with J. Moser.

We would like to thank all the authors who have contributed to this special edition!

Editorial Board