



# Dynamics and Evolution of Minor Bodies with Galactic and Geological Implications

By Clube, S. V. M. / Yabushita, Shin

Book Condition: New. Publisher/Verlag: Springer Netherlands | Proceedings of the Conference held in Kyoto, Japan from October 28 to November 1, 1991 | Proceedings of the Conference held in Kyoto, Japan, from October 28 to November 1, 1991 | Minor bodies in the Solar System, though representing only a small fraction of the mass in the Solar System, may well play a fundamental role in terrestrial evolution. This book contains investigations of the dynamics and physics of comets, asteroids and meteor streams, and the rather controversial topic of periodic phenomena in the Solar System as signified by geological records, together with several associated developments in celestial dynamics. All these problems are interwoven. This book makes a contribution towards unravelling the nature of the interactions between the Earth and its celestial environment. | Table Contents.- The Activities of Comets Related to their Aging and Origin.- A Model of the Galactic Tidal Interaction with the Oort Comet Cloud.- Origin of Oort Cloud Comets in the Interstellar Space.- Origin of Short-Period Comets.- Structure and Evolution of the Jupiter Family.- Collective Resonant Phenomena on Small Bodies in the Solar System.- Dynamics of Periodic Comets and Meteor Streams.- Evolution of Short-Period Meteoroid Streams.- Historical Variation in...



**READ ONLINE**  
[ 5.44 MB ]

## Reviews

*An exceptional pdf and also the typeface applied was intriguing to read through. It is definitely simplified but excitement in the 50 % in the ebook. I discovered this ebook from my dad and i recommended this pdf to find out.*

-- Jarod Ward

*Complete information for publication enthusiasts. It is really basic but shocks inside the fifty percent of your book. I am just delighted to let you know that this is basically the finest book i have read through in my individual lifestyle and might be he best pdf for actually.*

-- Elena Runolfsdottir Sr.