



Extended Abstracts Spring 2014

By Montserrat Corbera

Springer-Verlag Gmbh Nov 2015, 2015. Taschenbuch. Book Condition: Neu. 23.5x15.5x cm. Neuware - The two parts of the present volume contain extended conference abstracts corresponding to selected talks given by participants at the 'Conference on Hamiltonian Systems and Celestial Mechanics 2014' (HAMSYS2014) (15 abstracts) and at the 'Workshop on Virus Dynamics and Evolution' (12 abstracts), both held at the Centre de Recerca Matemàtica (CRM) in Barcelona from June 2nd to 6th, 2014, and from June 23th to 27th, 2014, respectively. Most of them are brief articles, containing preliminary presentations of new results not yet published in regular research journals. The articles are the result of a direct collaboration between active researchers in the area after working in a dynamic and productive atmosphere. The first part is about Central Configurations, Periodic Orbits and Hamiltonian Systems with applications to Celestial Mechanics - a very modern and active field of research. The second part is dedicated to mathematical methods applied to viral dynamics and evolution. Mathematical modelling of biological evolution currently attracts the interest of both mathematicians and biologists. This material offers a variety of new exciting problems to mathematicians and reasonably inexpensive mathematical methods to evolutionary biologists. It will be of scientific...



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