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and propagation of plasma waves; 3.3. Modeling and simulations of plasma waves; 3.4. Contribution of plasma waves to space weather: wave-particle interactions; 3.5. Monitoring space weather using plasma waves; 4. Concluding Remarks; Acknowledgments; References
Electron Flux Maps of Solar Flares: A Regularization Approach to Rhesi Imaging Spectroscopy A. M. Massone, M. Piana, M. Prato, A. G. Emslie, G. J. Hurford, E. P. Kontar, R. A. Schwartz¹. Introduction; 2. Visibilities; 3. Electron Flux Spectrum Images; 4. Application to RHESSI Data; 5. Conclusions; References; Problems and Solutions in Climate Modeling A. Sutera; 1. Introduction; 2. The Equations of Motion; 3. Parameter Settings and Numerical Solutions; 4. An Heuristic Model; 5. Conclusions; Acknowledgments; References
Numerical Simulations and Diagnostics in Astrophysics: A few Magnetohydrodynamics Examples G. Peres, R. Bonito, S. Orlando, F. Reale¹. Introduction; 2. Supernovae Remnants; 3. Protostellar Jets; 4. Conclusions; 5. Acknowledgements; References; Numerical Simulations of Multi-Scale Astrophysical Problems: The example of Type Ia Supernovae F. K. Ropke; 1. Introduction; 2. Astrophysical Model; 3. Challenges; 4. Governing Equations; 5. Modeling Approaches; 6. Numerical Methods; 7. Three-dimensional Type Ia Supernova Simulations; References
Numerical Simulations in Astrophysics: From the Stellar Jets to the White Dwarfs F. Rubini, L. Delzanna, J. A. Biello, J. W. Truran

Sommario/riassunto

This proceedings volume contains results presented at the Sixth International Workshop on Data Analysis in Astronomy - "Modeling and Simulation in Science" held on April 15-22, 2007, at the Ettore Majorana Foundation and Center for Scientific Culture, Erice, Italy. Recent progress and new trends in the field of simulation and modeling in three branches of science - astrophysics, biology, and climatology - are described in papers presented by outstanding scientists. The impact of new technologies on the design of novel data analysis systems and the interrelation among different fields are fore
