



Numerical Astrophysics: Proceedings of the International Conference on Numerical Astrophysics 1998 (NAP98), Held at the National Olympic Memorial Youth Center, Tokyo, Japan, March 10-13, 1998

By -

Springer, Netherlands, 2013. Paperback. Book Condition: New. 240 x 160 mm. Language: English . Brand New Book ***** Print on Demand *****.These are the proceedings of international conference on Numerical Astrophysics 1998 (NAP98), held at National Olympic Memorial Youth Center, in Tokyo, Japan in the period of March 10 - 13, 1998, and hosted by the National Astronomical Observatory, Japan (NAOJ). In the last decade numerical simulations have grown up as a major tool for astrophysics. Numerical simulations give us invaluable information on complex systems and physical processes under extreme conditions which can be neither realized by experiments nor directly observed. Super-computers and special purpose computers may work as very large telescopes and special purpose telescopes for theoretical astrophysics, respectively. Numerical astrophysics ranks with other tool-oriented astronomy such as radio astronomy, infrared astronomy, ultraviolet astronomy, X-ray astronomy, and γ -ray astronomy. This conference, NAP98, was planned to explore recent advances in astrophysics aided by numerical simulations. The subjects of the conference included the large-scale structure formation, galaxy formation and evolution, star and planets formation, accretion disks, jets, gravitational wave emission, and plasma physics. NAP98 had also sessions on numerical methods and

Reviews

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