



Unstable Current Systems and Plasma Instabilities in Astrophysics: Proceedings of the 107th Symposium of the International Astronomical Union Held in College Park, Maryland, U.S.A., August 8-11, 1983

By -

Springer, Netherlands, 1984. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.In the past decade rapid development has occurred in the fields of astrophysics, space science, and plasma physics. The new generation of space observations has led to an increasing requirement for a thorough understanding of processes that occur in magnetized plasmas. The realization that essentially the same plasma processes must be understood for many problems related to astrophysical, space, and man-made plasmas has led to a greater need for interdisciplinary meetings involving experts from these diverse fields. This Symposium, Unstable Current Systems and Plasma Instabilities in Astrophysics, represents the first meeting within the International Astronomical Union to bring together scientists from these disciplines. It was jointly sponsored by IAU Commissions 40, Radio Astronomy, 12, Solar Radiation and 10, Solar Activity. It was co-sponsored by the Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) and by the Committee on Space Research (COSPAR). The Symposium, No. 107, was held at the University of Maryland in College Park, Maryland, August 8-11, 1983. The Scientific Organizing Committee of the Symposium consisted of M. R. Kundu (Chairman), A. Bridle, A. A. Galeev, J....



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