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Autore	Duldig Marc
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Telescope performance; 3.2. New discoveries by the Hinode mission; 4. Summary; Acknowledgments; References

3. Signatures of Reconnection in Flares4. Signatures of Reconnection in CMEs; 5. Physical Parameters of Reconnection; 6. Conclusions; Acknowledgments; References; Thickness and Electrical Resistivity of the Current Sheets in Solar Eruptions Jun Lin; 1. Introduction; 2. Properties of the Current Sheets Undergoing Tearing; 3. Observations and Results; 3.1. The 8-10 January 2002 event; 3.2. The 18-19 November 2003 event; 3.3. The 23 March 1998 event; 4. Electrical Resistivity of the Reconnecting Current Sheets; 5. Discussions and Conclusions; Acknowledgments; References

Dynamics of Beam-Plasma Instability and Langmuir Wave Decay in Two-Dimensions L. F. Ziebell, R. Gaelzer and P. H. Yoon1. Introduction; 2. Theoretical Formulation and Numerical Setup; 3. Numerical Results and Analysis; 4. Conclusion; Acknowledgments; References;

Superthermal Electron Distributions in the Solar Wind Environment R. Gaelzer, P. H. Yoon, L. F. Ziebell and A. F. Viñas; 1. Introduction; 2. WIND/SWE-VEIS Electron Observations; 3. Theory and Results; 3.1. Asymmetric tail; 3.2. Symmetric tail; 4. Conclusions and Discussion; Acknowledgments; References

Solar Radio Burst Fine Structures in 1-7.6GHz Ranges Yihua Yan

Sommario/riassunto

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