

12 研究成果報告

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太陽フレアのエネルギー蓄積機構の研究、通信総合研究所季報 Vol.48, No.3, pp 3-12
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太陽研究の現状と将来、学術月報 (日本学術振興会)、vol. 56, 2003 年 2 月号、pp.10–17

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天体 MHD シミュレーションの現状と今後、2002 年度国立天文台天文学データ解析計算センター 大規模シミュレーションサブシステムユーザーズミーティング 兼国立天文台研究会 第 15 回理論天文学懇談会シンポジウム「シミュレーション天文学最前線 2002」集録、2003 年 9 月、pp.41–52

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天体数値流体計算数値流体力学ハンドブック、小林 敏雄 編、2003 年 3 月、pp. 680–684

12.2 研究会報告 (2003 年)

The 4th Solar-B Science Meeting (宇宙研・国立天文台) 2 月 3 日–5 日

(1) Asai, A.¹

Multi-wavelength studies of flare activities with Solar-B

(2) Ishii, T.T.¹

Studies on twisted magnetic flux bundles by SOT

(3) Isobe, H.¹, Chen, P.F.⁴⁷, Brooks, D.H.¹, Shibata, K.¹

On the Spectroscopic detection of magnetic reconnection evidence with Solar-B I. Observational signatures of flows in MHD simulations

(4) Isobe, H.¹, Brooks, D.¹, Chen, P.F.⁴⁷, Shiota, D.¹, and Shibata, K.¹

Spectroscopic Detection of Recconnection Evidence with Solar-B II. Signature of Flows in MHD Simulation

(5) Brooks, D.H.¹, Chen, P.F.⁴⁷, Isobe, H.¹, Shibata, K.¹, Lanzafame, A.C.³⁹

On the Spectroscopic detection of magnetic reconnection evidence with Solar-B I. Emission line selection and atomic physics issues

(6) Narukage, N.¹

Observations of Moreton waves with Solar-B

(7) Shibata, K.¹

Coronal Dynamics — Can we detect MHD Shocks and waves by Solar-B?

第 3 回宇宙天気シンポジウム (STE 研共同研究集会「磁気圏・電離層電流構造の総合解析」共催)
(豊橋) 2 月 17–19 日

(8) 浅井 歩¹、高崎 宏之¹、柴田 一成¹、黒河 宏企¹、鴨部 麻衣¹、横山 央明¹⁷、下条 圭美¹⁷

フレアループ上空の下降流と、エネルギー解放

(9) 石井 貴子¹、浅井 歩¹、黒河 宏企¹、竹内 努¹⁵

黒点群内の磁気中性線の回転とフレア活動