

京都私立中高校理科教員集会講演 (花山天文台) 12 月

- (62) O 柴田一成
太陽フレアの謎

MLA 分光観測報告会 (京大理宇宙物教室) 12 月

- (63) O 吉村圭司
MLA 観測データの解析法と解析例

- (64) O 北井礼三郎
飛騨天文台での MLA を用いた波面乱れ測定実験

理論天文懇談会シンポジウム (京大基研) 12 月

- (65) O 柴田一成
MHD 的宇宙ジェットの物理

10.3 天文台出版物

CONTRIBUTIONS FROM THE KWASAN AND HIDA OBSERVATORIES

No. 349 Terasawa, T., Shibata, K., and Scholer, M.,
Comparative Study of Flares and Substorms,
Adv. Space Res., 26, 573.

No. 350 Ohyama, M., and Shibata, K.,
X-Ray Plasma Ejection and Magnetic Reconnection,
Adv. Space Res., 26, 461.

No. 351 Kawaguchi, T., Mineshige, S., Machida, M., Matsumoto, R., and Shibata, K.,
Temporal $1/f^\alpha$ Fluctuations from Fractal Magnetic Fields in Black Hole Accretion Flow,
PASJ, 52, L1.

No. 352 Kurokawa H. and Yoshimura K.,
Relationship between $H\alpha$ AFS Loops and Soft X-ray Brightening Loops in Emerging Flux
Regions
Adv. Space Res., 25, 1825.

No. 353 Kurokawa H. and Sano S.,
 $H\alpha$ Surges in Emerging Flux Regions as an Evidence of Magnetic Field Reconnection.
Adv. Space Res., 26, 441.

No. 354 Ishii, T.T., Kurokawa, H., and Takeuchi, T.T.
Emergence of Twisted Magnetic Flux Bundles and Flare Activity in a Large Active Region
NOAA 4201
PASJ, 52, 337.

- No. 355** Takeda, A., Kurokawa, H., Kitai, R., and Ishiura,
Contribution and Properties of the Green- and Red-Line Coronal Loops in the K-Corona,
PASJ, 52, 375.
- No. 356** F Li, H., Sakurai, T., Ichimoto, K., UeNo, S. ,
Magnetic Field Evolution Leading to Solar Flares I,
PASJ, 52, 465.
- No. 357** Takeuchi, T.T., Yoshikawa, K., and Ishii, T.T.
Tests of Statistical Methods for Estimating Galaxy Luminosity Function and Application
to the Hubble Deep Field,
ApJS, 129, 1.
- No. 358** Zhang, H. Q., Sakurai, T., Shibata, K., Shimojo, M., Kurokawa, H.,
Soft X-ray flares and magnetic configuration in a solar active region in February 1992,
A&A, 357, 725.
- No. 359** Chen, P. F., and Shibata, K.,
An Emerging Flux Trigger Mechanism for Coronal Mass Ejections,
ApJ, 545, 524.
- No. 360** Takeuchi, T.T., Tomita, A., Nakanishi, K., Ishii, T.T., Iwata, I. and Saitō, M.,
Photometric Properties of Kiso Ultraviolet-Excess Galaxies in the Lynx-Ursa Major Re-
gion,
ApJS, 121, 445.
- No. 361** Takeuchi, T. T., Ishii, T. T., Hirashita, H., Yoshikawa, K., and Mazmine, K.,
Exploring Galaxy Evolution from Infrared Galaxy Number Count,
Star Formation 1999, 58.
- No. 362** Takeuchi, T. T., Ishii, T. T., Yoshikawa, K.,
Tests of Statistical Methods for Estimating Galaxy Luminosity Function and Applications
to the Hubble Deep Field : Implication to the Cosmic Star Formation,
Proc. of 33rd ESLAB Symposium, SP-445, 527.
- No. 363** Ishii, T. T. , Takeuchi, T.T., Hirashita, H., and Yoshikawa, K.,
Cosmic Star Formation History Required from Infrared Galaxy Number Count : Future
Prospect for Infrared Imaging Surveyor (IRIS),
Proc. of 33rd ESLAB Symposium, SP-445, 421.
- No. 364** UeNo, S., Kitai, R., Ichimoto, K., Sakurai, T., Soltau, D., and Brandt, P. N.,
Preliminary Study of the Evolution of Solar Magnetic Structures and Photospheric Hori-
zontal Velocity Fields,
Adv. Space Res., 26, 1793.
- No. 365** Nogami, D., Engels, D., Gänsicke, B. T., Pavlenko, E. P., Novák, R., and Reinsch,
K.,
A newly discovered SU UMa-type dwarf nova, HS 1449+6415
A&A, 364, 701.