

LIST OF PAPERS AND DATA-BOOKS BY ACOS 700 USERS
PUBLISHED IN FISCAL YEAR 1983

The papers and data-books published by the users of computer system, ACOS 700 in the fiscal year 1983 are as follows.

- Kondo, Y., A. Iwata and M. Takagi: A chemiluminescent NO_x-detector for the aircraft measurement, J. Met. Soc. Japan, 61, 756-762 (1983).
- Kondo, Y., M. Takagi and A. Iwata: Measurement of stratospheric ozone by the Chappuis band absorption, J. Met. Soc. Japan, 61, 433-477, (1983).
- Kondo, Y., A. Iwata, W.A. Matthews and M. Takagi: A ballon-borne chemiluminescent sonde for the measurement of tropospheric and stratospheric nitric oxide, submitted to Review Scient. Instruments.
- Enome, S.: Narrow-band decimeter bursts and X-ray emissions - Possible evidence of negative absorption or maser effect -, Solar Phys., 86, 421-426 (1983).
- Monthly Reports of Solar Radio Emissions, Toyokawa Observatory, January - December (1983).
- Quarterly Bulletin on Solar Activity (Radio Part), Tokyo Astronomical Observatory, University of Tokyo, 21 for 1979.
- Shibasaki, K., F. Chideri-Drago, C. Slottje and E. Antonucci: Microwave, ultraviolet and soft X-ray observations of Hale region 16898, Solar Phys., 89, 307-321 (1983).
- Shibasaki, K.: Earth rotation synthesis of the radio sun by the 8-cm radioheliograph at Toyokawa, Proc. Res. Inst. Atmospheric, Nagoya Univ., 31, 25-34 (1984).
- Nishino, M., Y. Tanaka, Y. Katoh and A. Iwai: An observation system of cosmic radio noise absorption by Riometers using corner-reflector antennas, Proc. Res. Inst. Atmospheric, Nagoya Univ., 30, 37-47 (1983).
- Nishino, M., Y. Tanaka, A. Iwai, T. Kamada and T. Hirasawa: On the observed results of the intensity and the polarization of narrow-band hiss emissions, Proc. of the Fifth Symposium on Coordinated Observations of the Ionosphere and the Magnetosphere in the Polar Regions, Memo. Natl. Inst. Polar Res., Special Issue No.26, 81-90 (1983).

- Kawasaki, Z-I, T. Takeuti and T. Nakai : On the estimation of the lightning stroke current, Proc. International Aerospace and Ground Conference on Lightning and Static Electricity at Orlands, Florida, U.S.A. (1984).
- Nokubo, T., Z-I. Kawasaki, T. Takeuti and T. Nakai : Spectral analysis of positive ground flashes in winter thunderstorms, Res. Lett. on Atmospheric Electricity, 3, 33-39 (1983).
- Nakai, T. and Z-I. Kawasaki : On impulsive noise from Shinkasen, IEEE Trans. on Electromagnetic Compatibility, EMC-25, 4, 396-404 (1983).
- Kakinuma, T : Solar wind speed from IPS measurements for January-December 1982, (1983).
- Kakinuma, T. and M. Kojima : Three-station observations of interplanetary scintillation at 327 MHz-1, Proc. Res. Inst. Atmospherics, Nagoya Univ., 31, 1-10 (1984).
- Watanabe, T. and T. Kakinuma : IPS observations of flare-associated interplanetary disturbances in February 1979, Proc. Res. Inst. Atmospherics, 31, 11-23 (1984).
- Hayakawa, M., Y. Yamanaka, M. Parrot and F. Lefeuvre : The wave normals of magnetospheric chorus emissions observed on board GEOS 2, J. Geophys. Res., in press (1984).
- Yamanaka, Y. and M. Hayakawa : Measurement of wave normal directions of magnetospheric VLF emissions observed on board satellites, Trans. Inst. Elect. Comm. Engrs. Japan 66-B, 1428-29 (1983).
- Okada T., Y. Tanaka, M. Hayakawa, A. Iwai and S. Shimakura : Experimental study of the relationship between the propagation distance and the polarization characteristics, Trans. Inst. Elect. Comm. Engrs. Japan, 66-B, 1355-61 (1983).

27 February 1984

-Masanori Nishino-