

List of Publications†

(1970-1971)

1970

1. *Araki, T. and S. Kato; Anomalous distribution of electrical conductivity in low latitude lower ionosphere, Proc. Ionosphere Symp., 70-73.
2. *Araki, T., Y. Naito and S. Kato; Detection of whistler-mode signals of VLF standard radio waves from Australia, Proc. IASY (International Active Sun Year) Symp., III, 287-291.
3. *Asai, T.; Cumulus convection over the ocean, Marine Sciences, 2, 213-218.
4. Asai, T.; Three-dimensional features of thermal convection in a plane Couette flow, J. Meteor. Soc. Japan, 48, 18-29.
5. Asai, T.; Stability of a plane parallel flow with variable vertical shear and unstable stratification, J. Meteor. Soc. Japan, 48, 129-139.
6. Asai, T. and I. Nakasuji; Applicability of Boussinesq approximation to thermal instability in a shear flow, Special Contr. Geophys. Inst., Kyoto Univ., 10, 49-57.
7. *Earthquake Research Institute of University of Tokyo, Geophysical Institute of Kyoto University and Geographical Survey Institute; Precise gravity survey in Miura and Boso Peninsulas, J. Geod. Soc. Japan, 16, 16-22.
8. Fujitani, T., T. Hanafusa and Y. Mitsuta; Measurement of eddy momentum flux near the ground, Special Contr. Geophys. Inst., Kyoto Univ., 10, 75-84.
9. Hanafusa, T.; A simple method for measurement of water vapor flux, J. Meteor. Soc. Japan, 48, 259-262.
10. Imasato, N.; Study of seiche in Lake Biwa-ko [I]— On the numerical calculation by Defant's method —, Special Contr. Geophys. Inst., Kyoto Univ., 10, 93-103.
11. Kawahira, K.; The winter anomaly of radio wave absorption in the D-region and the planetary wave in the stratosphere, Special Contr. Geophys. Inst., Kyoto Univ., 10, 35-47.
12. *Kawahira, K.; Variations of ultra-long waves in the stratosphere and the winter anomalous absorption in the D-region, Report of the Symposium on the Energetics and Dynamics of the Mesosphere and the Ionosphere, Inst. Space Aeron. Sci., Univ. of Tokyo, 73-84.
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14. *Kishimoto, Y., Y. Tanaka, K. Oike and S. Yoshie; Preliminary report on the Sabae Crustal Movements Observatory, Annuals, Disast. Prev. Res. Inst., Kyoto Univ., 13A, 109-119.
15. *Kitsunezaki, C.; Underground structure and seismic wave velocities in Uji campus of Kyoto University, Annuals, Disast. Prev. Res. Inst., Kyoto Univ., 13A, 175-195.
16. *Kitsunezaki, C.; Solenoid-hammer as electro-mechanical transducer used for seismic source (1), Butsuri-tanko, 23, 86-96.
17. *Kitsunezaki, C.; Solenoid-hammer as electro-mechanical transducer used for seismic source (2), Butsuri-tanko, 23, 146-169.
18. *Kitsunezaki, C.; Theory of electromagnetic seismograph (3), Butsuri-tanko, 23, 37-44.
19. *Kitsunezaki, C.; Theory of electromagnetic seismograph (4), Butsuri-tanko, 23, 106-114.
20. *Kitsunezaki, C.; Theory of electromagnetic seismograph (5), Butsuri-tanko, 23, 160-169.
21. *Kitsunezaki, C.; Theory of electromagnetic seismograph (6), Butsuri-tanko, 23, 236-245.
22. Kubotera, A. and M. Otsuka; Nature of non-volcanic micromor observed on the Aso

† Publications authored or coauthored by staff members and postgraduate students of the Geophysical Institute, Kyoto University.

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23. *Kunishi, H. and H. Sato; Observations of water circulation in Lake Biwa-ko (II), *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **13B**, 489–492.
 24. Maeda, H.; Solar and lunar hydromagnetic tides in the earth's magnetosphere, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 1–11.
 25. Maeda, H. and A. Suzuki; The significance of the observation of the daily magnetic fields, *Proc. IASY Symp.*, **III**, 82–83.
 26. *Mitsuta, Y., T. Fujitani and I. Matsubara; Experimental studies of wind over the mountain, *First Symposium on Wind Effects on Structures in Japan*, 71–80.
 27. *Mitsuta, Y., T. Hanafusa and T. Fujitani; On the real time analysis of the characteristics of atmospheric turbulence, *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **14A**, 505–511.
 28. Mitsuta, Y., T. Hanafusa and T. Maitani; Experimental studies of turbulent transfer processes in the boundary layer over bare soil, *Bull. Disast. Prev. Res. Inst., Kyoto Univ.*, **19**, 4, 45–58.
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 30. Mitsuta, Y., T. Hanafusa, T. Maitani and T. Fujitani; Turbulent fluxes over the Lake Kasumigaura, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 85–91.
 31. Miyakoshi, J., M. Yasuhara, N. Sumitomo and A. Suzuki; On earth current observations at Tottori sand dune, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 171–184.
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 37. *Ogawa, T., S. Handa and Y. Tanaka; Automatic tracking of earth-ionosphere cavity resonances, *Taiki Denki Kenkyu (Researches on Atmospheric Electricity)*, **3**, 31–34.
 38. *Ogawa, T. and Y. Tanaka; Observations of electric fields in the stratosphere, *Taiki Denki Kenkyu*, **3**, 35–39.
 39. Ogawa, T. and Y. Tanaka; Q factors of the Schumann resonances and solar activity, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 21–28.
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 41. *Ogawa, T., Y. Tanaka and K. Tanaka; Observations of three components of electric fields and currents in the stratosphere, *Proc. Large Balloon Symp.*, 34–48.
 42. *Okano, K. and I. Hirano; Recent activity of micro-earthquakes in the vicinity of Kyoto, *Rep. Coord. Comm. Earthq. Pred., Min. Constr.*, **4**, 52–54.
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 44. Ozawa, I.; Observations of abrupt changes of crustal strains during earthquakes, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 127–136.
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48. *Tanaka, Y., M. Koizumi and M. Kato; Crustal movements related to the seismic activity in a restricted area (5A) — Relation between the seismic activity in the northwestern part of the Kinki district and the crustal movements observed at the Ikuno station, *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **13A**, 91–108.
49. Toba, Y. and H. Kunishi; Breaking of wind waves and the sea surface wind stress, *J. Oceanogr. Soc. Japan*, **26**, 71–80.
50. *Wada, T. and K. Kamo; An equipment for automatically seismic recording, *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **13A**, 35–40.
51. *Wada, T., K. Kamo and Y. Sudo; A digitalized observation of volcanic micro-tremors, *Bull. Volcan. Soc. Japan (Kazan)*, **15**, 1–9.
52. Wada, T., K. Kamo and Y. Sudo; Measurement of kinetic energy of volcanic micro-tremors, *Special Contr. Geophys. Inst., Kyoto Univ.*, **10**, 149–158.
53. *Watanabe Hikaru and A. Kuroiso; Aftershocks of the earthquakes of the central part of Gifu prefecture, September 9, 1969, *Bull. Earthq. Res. Inst., Univ. of Tokyo*, **48**, 1195–1208.
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55. Working Group for Comparing the Gravimeters in Japan; Simultaneous observations of earth tides with four Askania and two LaCoste & Romberg gravimeters in Mizusawa, *Comm. Obs. Roy. Belg., Ser. A*, **9**, *Ser. Geophys.*, **96**, 27–29.
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3. *Asai, T.; Introduction to non-linear theory of mesometeorological processes by J. H. Gytman, *Meteor. Res. Notes*, **108**, 149 pp.
4. *Asai, T.; Dynamics of moist convection, *Meteor. Res. Notes*, **109**, 31–44.
5. *Asai, T.; A report of the survey symposium on studies of atmospheric convection in Kyoto, *Tenki*, **18**, 2–7.
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26. *Miki, H.; The results of co-operative observations of ultramicro-earthquakes. 1. On the detectability, *Zisin*, **24**, 2, 129-138.
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