

PROCEEDINGS AT THE 819TH GENERAL MEETING

The 819th General Meeting of the Academy was held on Thursday, May 12, 1988, at 1:30 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Ninety-five members were present, and the following communications were made:

- 'Saṅkara's standpoint and the role of speculation—the conflict between tradition and rationalism Hajime NAKAMURA, M. J. A.
- Chromosomes of an African lungfish, *Protopterus annectens*
 Atsushi SUZUKI and Kaoru YAMANAKA
- The effect of caffeine on the fragile sites in newborns
 Tetsuji KADOTANI, Yoko WATANABE, and Noriko KUROSAKI
- A study of the fragile sites in the cases with ring chromosome no. 22
 Suzue KANATA, Tetsuji KADOTANI,
 Yoko WATANABE, Noriko KUROSAKI, Toshio KUMADA, and Osamu TOI
- Characteristics of cis- and trans-orientation chromatid types of association in human extreme old age
 T. A. LEZHAVA and E. V. KHMALADZE
- Aneuploidy in human lymphocytes in extreme old age. The relationship between natural and artefactual aneuploidy
 T. A. LEZHAVA and E. V. KHMALADZE
- Above five, communicated by Sajiyo MAKINO, M. J. A.
- On fundamental solution of differential equation with time delay in Banach space Hiroki TANABE
- The structure of gravity-capillary waves of permanent profiles on deep water Mayumi SHŌJI
- A note on the Nash-Moser implicit function theorem
 Kiyoshi ASANO
- On the initial value problem for the heat convection equation of Boussinesq approximation in a time-dependent domain . . . Kazuo ŌEDA
- On representations of Lie superalgebras. II . . . Hirotoshi FURUTSU
- On a weak generalization of the fundamental theorem of the theory of curves or hypersurfaces Kazushige UENO
- Above six, communicated by Kōsaku YOSIDA, M. J. A.
- Visualization of Ca^{2+} localization in caffeine-treated endoplasmic drops of *Physarum plasmodium*
 Yasuaki YOSHIMOTO, Kiyoko KURODA, and Yukio HIRAMOTO
- Communicated by Noburō KAMIYA, M. J. A.
- Pleomorphism in beetle-gallery conidial fungi and protoplast reversion Akihiko TSUNEDA
- Communicated by Naohide HIRATSUKA, M. J. A.
- The Devonian trilobites from the Fukuji and other formations in Japan Teiichi KOBAYASHI, M. J. A.
- New trilobites of the Devonian Fukuji fauna
 Teiichi KOBAYASHI, M. J. A.
- A mathematical theory of randomized computation. II
 Shinichi YAMADA
- Symmetrization of the van der Corput generalized sequences
 Petko D. PROINOV
- Azumaya algebras split by real closure
 Teruo KANZAKI and Yutaka WATANABE