

PROCEEDINGS AT THE 822ND GENERAL MEETING

The 822nd General Meeting of the Academy was held on Wednesday, October 12, 1988, at 1:05 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty members were present, and the following communications were made:

- Self-regulation function and sign system activity in living systems. A specific mode of verbal sign system activity designed by a deaf-blind person Hachizo UMEZU, M. J. A.
- Effective stimulation parameters for the LTP formation in the superior colliculus slices from the Guinea pig Takaaki MIYAMOTO and Yasuhiro OKADA
- Tonotopic representation in the rat auditory cortex Junsei HORIKAWA, Susumu ITO, Yutaka HOSOKAWA, Tomoo HOMMA, and Keiichi MURATA
- Above two, communicated by Yasuji KATSUKI, M. J. A.
- Production and chromosomal features of triploid hybrids between *Rhodeus ocellatus ocellatus* and *Acheilognathus limbatus* (Cyprinidae, Pisces) Yoshio OJIMA, Akinori TAKAI, and Kazuhiro YAMAMOTO
- Chromosomal distribution of nucleolus organizer regions in six species of Rhodeinae (Cyprinidae, Pisces). Akinori TAKAI and Yoshio OJIMA
- Establishment of cell lines from human osteosarcoma Kihei KUBO, Mitsuo SHIDOU, Soichiro KOIWAI, and Kazuo MORITA
- Cheyletid mites associated with plants in the Malay Peninsula, with description of a new species (Acarina: Cheyletidae) Shôzô EHARA and ABDUL GHANI Ibrahim
- Effects of puromycin on the differentiation of hatching gland cells in amphibian embryos Eiji OHZU
- A cytogenetic study of fragile sites on Down's syndrome Suzue KANATA, Tetsuji KADOTANI, Yoko WATANABE, Noriko KUROSAKI, Toshio KUMADA, and Osamu TOI
- A study on the fragile sites in aged woman and comparison with newborn Tetsuji KADOTANI, Yoko WATANABE, and Noriko KUROSAKI
- Above seven, communicated by Sajiuro MAKINO, M. J. A.
- Structural operators for linear delay-differential equations in Hilbert space Hiroki TANABE
- Counting points in a small box on varieties Masahiko FUJIWARA
- On pathwise projective invariance of Brownian motion. II Shigeo TAKENAKA
- Sur les solutions élémentaires des opérateurs linéaires aux différences à coefficients constants possédant les termes infinis dépendant du paramètre Mamoru SAWADA
- On the isomonodromic deformation of certain Pfaffian systems associated to Appell's system (F_2), (F_3) Keiichi NAKAMURA
- Some oscillation criteria for second order nonlinear ordinary differential equations with damping Yutaka NAGABUCHI and Minoru YAMAMOTO
- Above six, communicated by Kôsaku YOSIDA, M. J. A.
- Acute effects of carbon monoxide on cerebral pH and energy metabolism