

PROCEEDINGS AT THE 813TH GENERAL MEETING

The 813th General Meeting of the Academy was held on Thursday, November 12, 1987, at 1:05 p.m., Dr. Toshio KUROKAWA, President, taking the chair. Eighty-six members were present, and the following communications were made:

- Emergence of a new type of contracts: Trade in information and know-how Takeyoshi KAWASHIMA, M. J. A.
- On the *Manchuroceras* and *Piloceras* provinces in the Ordovician period Teiichi KOBAYASHI, M. J. A.
- Comparison of Ordovician cephalopods between Australia and Eastern Asia Teiichi KOBAYASHI, M. J. A.
- Ordovician cephalopods in the Andes, South America Teiichi KOBAYASHI, M. J. A.
- Ordovician cephalopods in the boreal areas Teiichi KOBAYASHI, M. J. A.
- Necessary and sufficient conditions for the convergence of formal solutions Masafumi YOSHINO
- Expansive homeomorphisms of compact surfaces are pseudo-Anosov Koichi HIRAIDE
- Propagation of singularities for microdifferential equations with multiple self-tangential involutory characteristics Nobuyuki TOSE
- On a class of partially hypoelliptic microdifferential equations Nobuyuki TOSE and Moto-o UCHIDA
- The existence of solvable operators in the ideal . . . Shigeru HARUKI
- An extension of a uniform asymptotic stability theorem by Matrosov Teruyo WADA
- Above six, communicated by Kōsaku YOSIDA, M. J. A.
- On the classification of J-type carbon stars Kazuhiko UTSUMI
- Communicated by Yoshio FUJITA, M. J. A.
- Effect of carbon dioxide on conservation of physiological activities of animal tissues. I. Hyperthermic potassium contracture of rat skeletal muscle (*Musculus soleus*) Hisateru MITSUDA, M. J. A., Yasuyoshi AZUMA, and Saburo UENO
- Effect of carbon dioxide on conservation of physiological activities of animal tissues. II. Vasoactivities of preserved canine mesenteric arteries Tomio OHTA, Akihiro YASUDA, and Hisateru MITSUDA, M. J. A.
- A transgenic mouse model of familial amyloidotic polyneuropathy Shoji WAKASUGI, Takeaki INOMOTO, Shigehiro YI, Makoto NAITO, Masahiro UEHIRA, Tomohisa IWANAGA, Shuichiro MAEDA, Kimi ARAKI, Jun-ichi MIYAZAKI, Kiyoshi TAKAHASHI, Kazunori SHIMADA, and Ken-ichi YAMAMURA
- Communicated by Yuichi YAMAMURA, M. J. A.
- Sense-antisense strand similarity and its interpretation in evolutionary processes Takashi KUNISAWA
- Communicated by Masao KOTANI, M. J. A.
- Response properties of neurons in the medial geniculate body of unanesthetized guinea pigs to the species-specific vocalized sound Hidekazu TANAKA and Ikuo TANIGUCHI
- Communicated by Yasuji KATSUKI, M. J. A.