

## PROCEEDINGS AT THE 831ST GENERAL MEETING

The 831st General Meeting of the Academy was held on Tuesday, September 12, 1989, at 1:00 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty-nine members were present, and the following communications were made:

- On the historical characters of the learned systems in the World History  
 . . . . . Torataro SHIMOMURA, M. J. A.
- German criminal law and Japanese criminal law . . . . .  
 . . . . . Ryuichi HIRANO, M. J. A.
- Inverse map theorem in the ultra-F-differentiable class . . . . .  
 . . . . . Takesi YAMANAKA
- On the Deift-Trubowitz trace formula for the 1-dimensional Schrödinger  
 operator . . . . . Mayumi OHMIYA
- Uniqueness and existence of viscosity solutions of generalized mean  
 curvature flow equations . . . . .  
 . . . . . Yun-Gang CHEN, Yoshikazu GIGA, and Shun'ichi GOTO
- Recurrent Fuchsian groups whose Riemann surfaces have infinite di-  
 mensional spaces of bounded harmonic functions . . John A. VELLING
- On affine surfaces whose cubic forms are parallel relative to the affine  
 metric . . . . . Martin A. MAGID and Katsumi NOMIZU
- Limiting amplitude principle for acoustic propagators in perturbed  
 stratified fluids . . . . . Koji KIKUCHI and Hideo TAMURA  
 Above six, communicated by Kôzaku YOSIDA, M. J. A.
- Substrate specificity of the hyoscyamine 6 $\beta$ -hydroxylase from cultured  
 roots of *Hyoscyamus niger* . . . . .  
 . . . . . Yasuyuki YAMADA and Takashi HASHIMOTO  
 Communicated by Hisateru MITSUDA, M. J. A.
- Generalized hypergeometric equations with certain finite irreducible  
 monodromy groups . . . . . Takao SASAI
- On the unitarizability of principal series representations of  $p$ -adic  
 Chevalley groups . . . . . Hiroyuki YOSHIDA
- Topological aspects of conformally flat manifolds . . . . .  
 . . . . . Shigenori MATSUMOTO
- Nonexistence theorem of expansive flows on certain 3-manifolds . . .  
 . . . . . Takashi INABA and Shigenori MATSUMOTO
- A numerical characterization of ball quotients for normal surfaces with  
 branch loci . . Ryoichi KOBAYASHI, Shu NAKAMURA, and Fumio SAKAI
- On a generalization of MacPherson's Chern homology class . . . . .  
 . . . . . Shoji YOKURA  
 Above six, communicated by Kunihiko KODAIRA, M. J. A.
- Drifting polymorphism of the number of multiplication at the glycerol-  
 3-phosphate dehydrogenase locus in natural populations of *Drosophila*  
*melanogaster* . . . . .  
 . . . . . Shinichi KUSAKABE, Toshiyuki TAKANO, and Terumi MUKAI  
 Communicated by Motoo KIMURA, M. J. A.
- Initiation of active force development in a molluscan smooth muscle by  
 laser photolysis of caged ATP . . . . .  
 Osamu ABE, Takenori YAMADA, Keiichi TAKAHASHI, and Haruo SUGI  
 Communicated by Yasuji KATSUKI, M. J. A.