PROCEEDINGS AT THE 919TH GENERAL MEETING

The 919th General Meeting of the Academy was held on Tuesday, May 12, 1998, at 1:03 p.m., Dr. Yoshio FUJITA, President, taking the chair. Ninety-eight members were present, and the following communications were made:

Some problems of the Left Wing of Wang Yang Ming School . . . . Kenji SHIMADA, M. J. A.

The changing role of central banks. . . . . Ryuichiro TACHI, M. J. A.

Coordination of basic and applied research on nutritional chemistry and food science . . . . Hisateru MITSUDA, M. J. A.

Characterization of crustal structures by fractal analysis of gravity anomalies . . . . Takeshi KUDO and Muneyoshi FURUMOTO
Communicated by Seiya UYEDA, M. J. A.

Biochemical characterization of casein kinases II from chloroplasts of spinach, *Spinacia oleracea*. . . . . Motoki KANEKATSU

Purification of a 34 kDa ribonucleoprotein (p34) from spinach chloroplasts as an effective phosphate acceptor for casein kinase II . . . . Motoki KANEKATSU

The effects of nucleic acids on the casein kinase II catalyzed phosphorylation of a 34 kDa ribonucleoprotein purified from spinach chloroplasts . . . . Motoki KANEKATSU
Above three, communicated by Seijiro MOROHOSHI, M. J. A.

Identification of genes in the complete genomic DNA sequence of a hyper-thermophilic archaeon, *Pyrococcus* sp. OT3 . . . . Yuko OHFUKU, Hideaki KOIKE, Yoshinao AZUMA, Tsuyoshi KAWASHIMA, Norio KUDO, Naoki AMANO, Jun KAKINUMA, Jörg Michael SUCKOW, and Masashi SUZUKI
Communicated by Setsuro EBASHI, M. J. A.

A Yang-Mills-Higgs gradient flow on R^3 blowing up at infinity . . . . Hideo KOZONO, Yoshiaki MAEDA, and Hisashi NAITO

A resolvent estimate and a smoothing property of inhomogeneous Schrödinger equations . . . . Mitsuru SUGIMOTO and Keiichi TSUJIMOTO
Above two, communicated by Kiyosi ITÔ M. J. A.

A note on Shafarevich-Tate sets for finite groups. . . . . Takashi ONO

A note on Terai's conjective concerning Pythagorean numbers . . . . . . Xigeng CHEN and Maohua LE

Idéaux réduits, nombres réduits et équation $D = y^2 + 4xz$ . . . . Pierre KAPLAN
Above three, communicated by Shokichi IYANAGA, M. J. A.

After a recess during which the members present met in their respective Sections, the General Meeting was resumed for business transactions.

First, Dr. Atsushi KOBATA, M. J. A., and Dr. Ichiro KAWAMOTO, M. J. A., paid a tribute of admiration to the late Dr. Tatsusaburo HAYASHIYA's and the late Dr. Kenichiro OSUMI's meritorious services to academic circles, respectively.

Then, the Chairmen of both Sections made reports of the matters dealt with at the respective Sectional Meetings.

The Meeting adjourned at 5:09 p.m.

日 本 学 士 院 紀 要

PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A
MATHEMATICAL SCIENCES

CONTENTS