

Department of Applied Mathematics and Physics

School of Informatics
Kyoto University

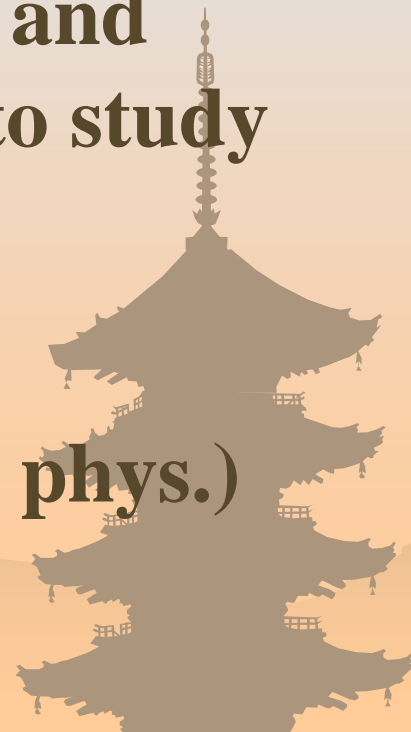
Seminar on Informatics in Bangkok and Hanoi
August 24-29, 2009



Foundation

- During 1950s, as a subdivision of engineering much emphasis on applications was placed.
- Department of Applied Mathematics and Physics (AMP) was founded in 1959 to study
 - ✓ interdisciplinary & traversal areas,
 - ✓ basics & fundamentals.

(rich background in math.& math. phys.)



Current State of the Department

Dep. of AMP currently consists of 8 groups.

- Applied Mathematical Analysis
- Discrete Mathematics
- System Optimization
- Control Systems Theory
- Physical Statistics
- Dynamical Systems Theory
- Mathematical Finance (Institute of Economic Research)
- Applied Mathematical Modeling (Operated jointly with Industry)

The department has:

22 faculty members, 22-26 master course students/year,
and 4-6 doctor course students/year.

Research and Education

Research (key words):

Control , Optimization , Discrete mathematics,
Dynamical system , Computational science
Simulations, Finance, Econo-physics,

Educational aims:

Flexible conception and high competence for
searching solutions with profound attainments
in mathematics and physics and computer
sciences.