20th SAPPORO SYMPOSIUM ON PARTIAL DIFFERENTIAL EQUATIONS

February 13~15, 1996

Department of Mathematics
Hokkaido University
060 Sapporo, Japan

Chairman Rentaro Agemi
(Hokkaido Univ.)

Program

Feb.13   (Room 3-508)
9:30~10:30   Kiyoshi Mochizuki(Tokyo Metroplitan Univ.)
Energy decay of solutions to the wave equation with dissipation localized near infinity

11:00~12:00 Yi Zhou(Fudan Univ.)
Local existence with minimal regularity for quadratic nonlinear wave equations

1:30~2:00   (*)

2:00~3:00   Kunihiko Kajitani(Tsukuba Univ.)
Global solutions of the Cauchy problem for Kirchhoff equations

3:30~4:30   Akitaka Matsumura(Osaka Univ.)
A bifurcation phenomenon for the periodic solutions of the Duffin equation

Feb. 14   (Room 4-508)
9:30~10:30   Tatsuo Nishitani(Osaka Univ.)
Regurarity of solutions to characteristic boundary value problem for systems

11:00~12:00 J. Vaillant(Paris Ⅵ)
Hyerbolic systems and Gevrey class

1:30~2:00   (*)

2:00~2:50   Jian Zhai(Hokkaido Univ.)
The existence of non-trivial solutions to Ginzburg-Landau type equations

3:00～3:50   Kunio Hidano(Waseda Univ.)
On the existence of wave operators and asymptotic completeness for nonlinear wave equations in R^{4-1} with small data

4:00～4:50   Kazuyoshi Yokoyama(Hokkaido Univ.)
Global existence for systems of wave equations with different speeds

5:00～5:30   (*)

6:00～8:00 Banquet（懇親会）
  Faculty House, Trillium

Feb.15   (Room 4-508)
9:30～10:30   Xu-Yan Chen(Hiroshima Univ. and Georgia Inst. of Tech.)
Local Asymptotic forms of solutions to elliptic and parabolic boundary value problems

11:00～12:00 Toshitaka Nagai(Kyushu Inst. of Tech.)
Blow-up of solutions to a system of partial differential equations modelling chemotaxis

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1.(*) indicates the discussion time with speakers at Room 4-507