

Workshop "Analysis of multiple state particle systems"

Date: December 25(Tuesday) - 26(Wednesday), 2001

Place: Keyaki Hall, Chiba Univ.

Organizer: Hideki Tanemura (Chiba Univ.)

Program (Ver. 2001.12.6)

Dec. 25 (Tue.)

13:00 - 13:50 Rinaldo Schinazi (Colorado Univ., Univ. of Provence)
On the role of social clusters in the transmission of infectious diseases

14:00 - 14:50 Koji Kuroda (Nihon Univ.)
Application of cluster expansion to a stock price process

15:00 - 15:50 Tomohiro Sasamoto (Tokyo Inst. Tech.)
Particle Condensation for a Two Species Exclusion Process on a Ring

16:00 - 16:50 Yukio Nagahata (Tokyo Inst. Tech.)
Regularity of the diffusion coefficient matrix for the lattice gas with energy
in $d \geq 3$

Dec. 26 (Wed.)

10:00 - 10:50 Rinaldo Schinazi (Colorado Univ., Univ. of Provence)
On the spread of drug resistant diseases

11:00 - 11:50 Yasunari Higuchi (Kobe Univ.), Joshin Murai (Okayama Univ.) and
J.Wang (Kobe Univ.)
A Dobrushin-Hryniv type CLT for the 2D Widom-Rowlinson model

14:00 - 14:50 Norio Konno (Yokohama National Univ.)
Dualities of stochastic interacting systems

15:00 - 15:50 Tainaka keiichi (Shizuoka Univ.)
Contact process and lattice model for mutualism

16:00 - 16:50 Short communication

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