情報科学系セミナー（第3回）

“Finite combinatorics and compactness”

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コラボレーションルーム7

講演要旨：

Since compactness cannot be applied to finite structures, model theory usually deals with infinite structures. However, if you are interested in an infinite class of finite structures, compactness remains very powerful for showing a certain kind of properties.
For example, using a compactness argument, one can easily prove the non-existence of first order sentence that tests if a finite directed graph is a tree.　I explain such facts only assuming a basic elementary knowledge.

講演者略歴：

Education:
Department of Mathematics, University of Tokyo, 1975-1979,
- Batchelor's Degree in Natural Science 1979,
Graduate School of Mathematics, University of Tsukuba, 1979-1985
- Master's Degree in Natural Science 1981
- Doctor's Degree in Natural Science (Ph.D) 1985
"Independent partitions and number of countable models"

Academic Career:
- 1985-1988 Assistant Professor at Institure of Mathematics, University of Tsukuba,
- 1986, Guest Assistant Professor at Department of Mathematics, University of Notre Dame,
- 1988-1993, Lecturer at Institute of Mathematics, University of Tsukuba,
- 1993-2006, Associate Professor at Institute of Mathematics, University of Tsukuba,
- 1994 Lecturer at University of Nagoya (part-time),
- 1995-1996 Guest Associate Professor at Department of Mathematics, University of Notre Dame,
- 1997 Lecturer at University of Tokyo (part-time),
- 1999 Lecturer at University of Tohoku (part-time),
- 2004 Lecturer at Kochi University (part-time),
- 2006-　Professor at Graduate School of Pure and Applied Sciences,

参加申込・予約は不要です。直接会場にお越しください。
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