

数理解析研究所講究録 1718

RIMS 合宿型セミナー

New developments of independence
notions in model theory

京都大学数理解析研究所

2010年10月

RIMS Kôkyûroku 1718

*New developments of independence notions
in model theory*

March 1 ~5, 2010

edited by Masanori Itai

October, 2010

Research Institute for Mathematical Sciences

Kyoto University, Kyoto, Japan

This is a report of research done at the Research Institute for Mathematical Sciences, Kyoto University. The papers contained herein are in final form and will not be submitted for publication elsewhere.

Preface

Model Theory Kirishima 2010 took place at Ryokojin Sanso in Kirishima Kyusyu, Japan from March 1 to March 5 2010. 27 model theorists from various parts of the world participated the conference to discuss recent developments in the subject.

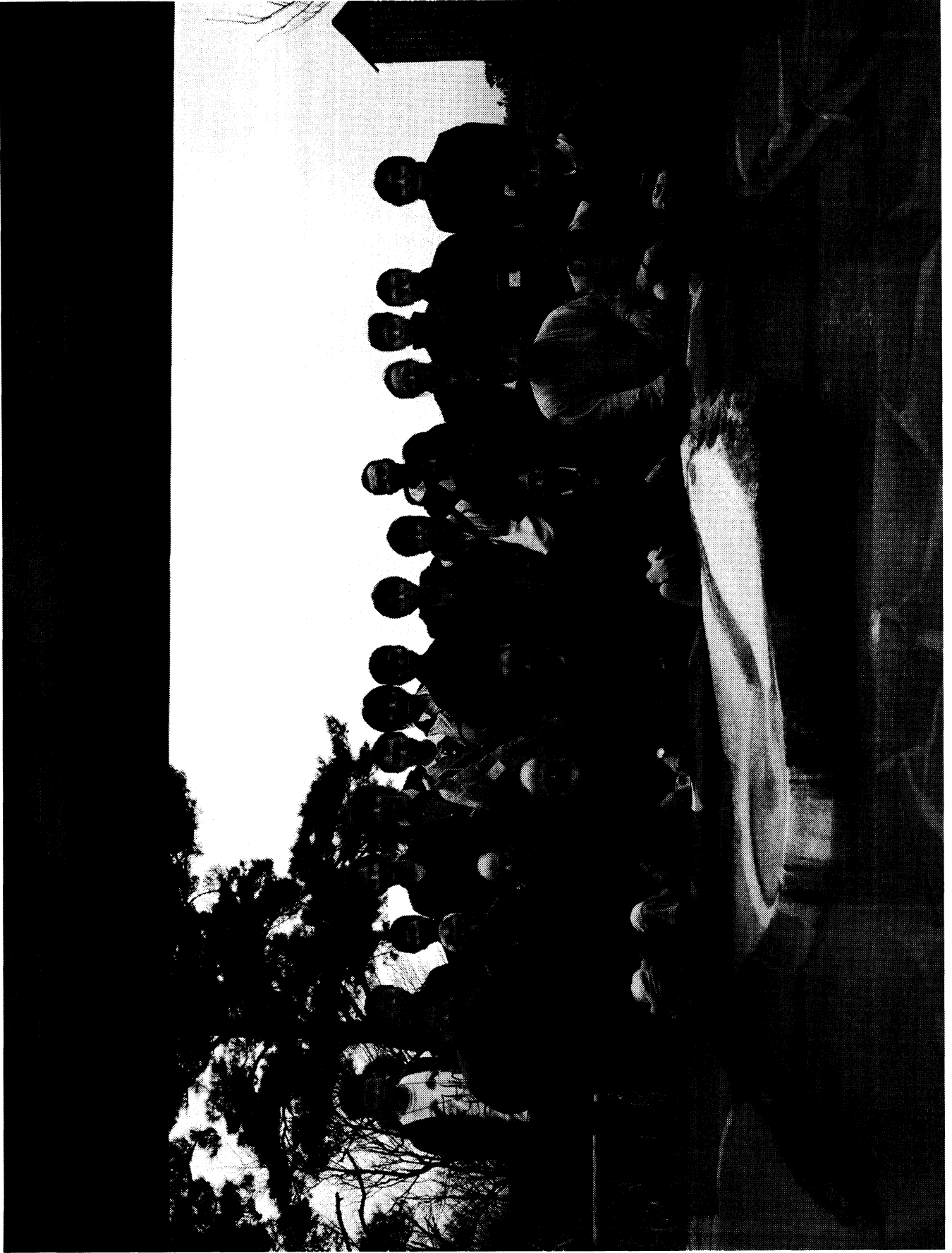
John Baldwin gave three lectures on abstract elementary classes, Frank Wagner gave two lectures on Hrushovski construction and fields and Byunghan Kim gave two lectures on amalgamation functors which is his joint work with J. Goodrick and A. Kolesnikov.

There were 22 talks altogether whose topics ranging from pure model theory e.g., Tsuboi's "On Coheir Sequences" to Martin Pizarro's talk on Schanuel conjecture and reflecting the richness of the study of model theory.

The talks, however, all related in a way or another to the independence notion; hence the subtitle of conference was "New developments of "independence" in model theory".

The organisers are all grateful to the speakers for their talks.

August 2010
Organisers
Koichiro Ikeda
Masanori Itai (Chair)
Hirotaka Kikyo
Akito Tsuboi



List of Participants

1. Anbo, Yuki (University of Tsukuba, Japan)
2. John Baldwin (University of Illinois at Chicago, USA)
3. Itai Ben Yaacov (Université Lyon 1, France)
4. Artem Chernikov (Université Lyon 1, France)
5. Mario Jorge Edmundo (Universidade Aberta & CMAF-Universidade Lisboa, Portugal)
6. Fukuzaki, Kenji (International University of Kagoshima, Japan)
7. Ibuka, Shingo (Kobe University, Japan)
8. Ikeda, Koichiro (Hosei University, Japan)
9. Itai, Masanori (Tokai University, Japan)
10. Kawakami, Tomohiro (Wakayama University, Japan)
11. Kikyo, Hiroataka (Kobe University, Japan)
12. Kim, Byunghan (Yonsei University, South Korea)
13. Kim, Hyeung-joon (Yonsei University, South Korea)
14. Pablo Cubides Kovacsics (Université Paris 7, France)
15. Lee, Junguk (Yonsei University, South Korea)
16. Maesono, Hisatomo (Waseda University, Japan)
17. Amador Martin Pizarro (L'Institut Camille Jordan, France)
18. Javier Moreno (Université Lyon 1, France)
19. Naito, Takehiro (University of Tsukuba, Japan)
20. Sin, Duho (Yonsei University, South Korea)
21. Takeuchi, Kota (University of Tsukuba, Japan)
22. Tanaka, Hiroshi (Anan National College of Technology, Japan)
23. Tanaka, Yu-ichi (Kobe University, Japan)
24. Tsuboi, Akito (University of Tsukuba, Japan)
25. Frank O. Wagner (Université Lyon 1, France)
26. Yanagawa, Makoto (Tokyo University of Science, Japan)
27. Yoneda, Ikuo (Tokuyama National College of Technology, Japan)

New developments of independence notions in model theory

モデル理論における「独立性概念」の新展開

RIMS 合宿型セミナー報告集

2010年3月1日～3月5日

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