

Preface

Under the title

“Communications in Arithmetic Fundamental Groups”,
two workshops were held at RIMS, Kyoto University during
February 8-10 of 1999 and October 29-31 of 2001.

Through these meetings, I intended to supply a few modest
chances to promote communications of researchers related to
this growing area. Thanks to intimate cooperation by the
participants and the speakers, we could share many
mathematical topics and problems together, some of which
are collected in this volume.

For the 2001 workshop, we owe the success deeply to
Professor Michael Fried at UC Irvine who motivated the
meeting as one of the new stage interactions between the
Pacific Rim researchers on Galois groups and Fundamental
groups. Thanks to his great supports, the workshop obtained
real international phases accompanied by big name speakers
and active graduate students over the sea.

I hope that each reader find here useful informations, ne connections and further directions of his / her futu researches.

Hiroaki Nakamura

* 海外からの研究者招聘に関して、

科学研究費補助金平成10年度基盤研究C

「基本群における外ガロア表現とそこに生ずる数論的現象」

(研究代表者：中村博昭)

科学研究費補助金平成13年度奨励研究A

「楕円曲線のホッジ・アラケロフ理論」

(研究代表者：望月新一)

による補助が役立ったことを記します。