

Contents

Preface		v
Members on the Advisory Board		vi
List of Participants		vii–viii
On the Non-Vanishing of Periodic Dirichlet Series		
	<i>Abhishek T. Bharadwaj</i>	1–20
On the Selberg Class of L -Functions		
	<i>Anup B. Dixit</i>	21–42
Nonvanishing of Symmetric Square L -Functions of Cusp Forms		
	<i>Balesh Kumar</i>	43–50
Simultaneous Sign Changes of Fourier Coefficients of Half-Integral Weight Newforms		
	<i>Biplab Paul</i>	51–60
Kaprekar Phenomena		
	<i>Dinesh S. Thakur</i>	61–70
p -Adic Rankin Product L -Functions		
	<i>Eknath Ghate and Ravitheja Vangala</i>	71–107
Heights, Ranks and Regulators of Abelian Varieties		
	<i>Fabien Pazuki</i>	109–131

Some Examples of Higher Depth Vector-Valued Quantum Modular Forms	<i>Kathrin Bringmann, Jonas Kaszian and Antun Milas</i>	133–146
On the Value-Distribution of Symmetric Power L -Functions	<i>Kohji Matsumoto and Yumiko Umegaki</i>	147–167
The Gel'fond-Schneider Theorem Revisited	<i>V. Kumar Murty</i>	169–173
On Non-Vanishing and Sign Changes of the Fourier Coefficients of Hilbert Cusp Forms	<i>Tarun Dalal and Narasimha Kumar</i>	175–188
Some Remarks on Classical Algebraic Independence Theory	<i>Philippon Patrice</i>	189–201
Relations between Certain Power Series and Functions Involving Zeros of Zeta Functions	<i>M. Ram Murty and Siddhi Pathak</i>	205–222
On the Supnorm of Maass Lifts	<i>Soumya Das and Jyoti Sengupta</i>	223–233
On the Structure of Fine Selmer Groups and Selmer Groups of CM Elliptic Curves	<i>Meng Fai Lim and Ramdorai Sujatha</i>	235–256