



The Institute of Mathematical Sciences



Annual Report &
Audited Statement of Accounts

March 2019- April 2020

Nikita Agarwal*, **Soumya Dey**, **Neeraj K. Dhanwani***, and **Kashyap Rajeevsarathy***.

Liftable mapping class groups of regular cyclic covers.

arXiv:1911.05682 (Submitted), 2019.

Jyotirmoy Ganguly, **Amritanshu Prasad**, and **Steven Spallone***.

On the divisibility of character values of the symmetric group.

Electronic Journal of Combinatorics, **27(2)**, P 2.1, 2020.

Jyotirmoy Ganguly and **Steven Spallone***.

Spinorial representations of symmetric groups.

Journal of Number Theory, **544**, 29, 2020.

Jyotirmoy M. Ganguly and **Rohit M. Joshi***.

Spinorial representations of orthogonal groups.

2020.

arXiv:2003.06636 (Submitted).

J-M. Deshouillers*, **S. Gun**, and **J. Sivaraman***

On Euclidean ideal classes in certain Abelian extensions.

Math Z., 2019.

(To be published).

S. Gun and **W. Kohnen***.

On the Ramanujan-Petersson conjecture for modular forms of half-integral weight.

Forum Mathematicum, **31(3)**, 703, 2019.

S. Gun, **B. Kumar**, and **B. Paul**.

The first simultaneous sign change and non-vanishing of Hecke eigenvalues of newforms.

J. Number Theory, **200**, 161, 2019.

S. Gun and **K. Murty***.

Lifting of Elliptic curves.

Pacific J. Math., **301(1)**, 101, 2019.

P. del Angel R.*, **C. Doran***, **P. Luis***, **M. Kerr***, **J. Lewis***, **Jaya N. Iyer**, **S. Miller-Stach***, and **D. Patel***.

Specialization of cycles and the k-theory elevator.

Communications in Number Theory and Physics, **13(2)**(Source: MR: 3951112), 299, 2019.

Jaya N. Iyer and **Roy Joshua***.

Brauer groups of schemes associated to symmetric powers of smooth projective curves in arbitrary characteristics.

Journal of Pure and Applied Algebra, **224 (3)**(Source: MR: 4009565), 1009-1022, 2020.