Curriculum Vitae

Md. Ali Zinna

Current Affiliation : Department of Mathematics and Statistics
Indian Institute of Science Education and Research Kolkata
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Nationality : Indian

Education :

Ph.D.
Indian Statistical Institute
Thesis defended on 21st November 2014

Master in Mathematics
Indian Statistical Institute

Bachelor of Science (Mathematics)
Jadavpur University

Area of Interest : Commutative algebra : (Projective modules and Complete intersections)

Publications :

1. (With Mrinal Kanti Das) *On invariance of the Euler class groups under a subintegral base change,* **Journal of Algebra**, *398 (2014), 131-155.*

2. (With Mrinal Kanti Das) *The Euler class group of a polynomial algebra with coefficients in a line bundle,* **Mathematische Zeitschrift**, *276 (2014), 757-783.*

3. (With Mrinal Kanti Das) *Efficient generation of ideals in overrings of polynomial rings,* **Journal of Pure and Applied Algebra**, *219 (2015), 4016-4034.*

4. (With Mrinal Kanti Das) *"Strong" Euler class of a stably free module of odd rank,* **Journal of Algebra**, *432 (2015), 185-204.*

Publications :

5. *A note on Quasi-monic polynomials and efficient generation of ideals*,
Journal of Commutative Algebra, *10(3) (2018) 411-433.*

6. *Projective modules and orbit space of unimodular rows over discrete Hodge algebras over a non-Noetherian ring*,
Journal of Commutative Algebra, *10(3) (2018). 435-455*

7. (With Manoj K. Keshari) *Efficient generation of ideals in a discrete Hodge algebra*,
Journal of Pure and Applied Algebra, *221 (2017), 960-970.*

8. (With Manoj K. Keshari) *Unimodular elements in projective modules and an analogue of a result of Mandal*,
Journal of Commutative Algebra, *10 (3) (2018) 359-373.*

9. (With Manoj K. Keshari) *Existence of unimodular elements in a projective module*,
Journal of Pure and Applied Algebra, *221 (2017) 2805-2814.*

10. (With Mrinal Kanti Das and Soumi Tikader) *Orbit spaces of unimodular rows over smooth real affine algebras*,
Inventiones Mathematicae, *212 (2018) 133-159.*

11. *Cancellation of projective modules over polynomial extensions over a two-dimensional ring*,
Journal of Pure and Applied Algebra, *223, (2019), 783-793.*

12. (With Soumi Tikader) *Projective generaion of ideals in a certain ring*, **Journal of Pure and Applied Algebra**, *223, (2019), 1246-1257.*

13. (With Mrinal Kanti Das and Soumi Tikader) *"$\mathbf{P^1}$- gluing" for local complete intersections*,
Mathematische Zeitschrift, *294 (2020), 667-685.*

14. (With Manoj K. Keshari) *Projective generation of ideals in polynomial extensions*,
Journal of Commutative Algebra, *12 (3) (2020) 333-352.*

Academic Positions :

1. (Present) Assistant Professor
Department of Mathematics and Statistics
IISER Kolkata
(since 30th November 2018)

2. Assistant Professor
School of Mathematical Sciences
NISER Bhubaneswar
(1st August 2017 to 29th November 2018)

3. Inspire Faculty
Department of Mathematics
Ramakrishna Mission Vivekananda University
(19th January 2017 to 31 July 2017)

4. Visiting Scientist
Stat-Math Unit
Indian Statistical Institute Kolkata
(1st September 2016 to 18th January 2017)

5. Post-doctoral Fellow
Department of Mathematics
Indian Institute of Technology, Bombay
(25th November 2014 to 31st August 2016)

6. Research Fellow
Stat-Math Unit
Indian Statistical Institute, Kolkata
(26th July 2010 to 21st November 2014)

Awards and Honors: :

INSA Young Scientist Award (2020).

Inspire Faculty Award (2016).