

DMS PUBLICATIONS 2019-2020

ARTICLES IN PEER-REVIEWED JOURNALS

Anirvan Chakraborty and Victor M. Panaretos (2019): Hybrid regularisation and the (in)admissibility of ridge regression in infinite dimensional Hilbert spaces, *Bernoulli* 25, no. 3, 1939-1976. doi:10.3150/18-BEJ1041

Asok K. Nanda, Sudhansu S. Maiti, Chanchal Kundu and Amarjit Kundu (2019): Parameter Estimates of General Failure Rate Model: A Bayesian Approach, *Journal of Computational and Applied Mathematics*, 351, 317-330.

Pradip Kundu, Nil Kamal Hazra and **Asok K. Nanda** (2020): Reliability Study of Series and Parallel Systems of Heterogeneous Component Lifetimes following Proportional Odds Model, *Statistics*, 54(2), 375-401.

Tiasha Saha Roy, Bapun Giri, Arpita Saha Chowdhury, **Satyaki Mazumder**, and **Koel Das** (2020): How Our Perception and Confidence Are Altered Using Decision Cues, *Frontiers in Neuroscience*, 13, 1371.

Mrinal K. Das, Soumi Tikader and **Md. Ali Zinna** (2020): " P^1 -gluing" for local complete intersections, *Mathematische Zeitschrift*, 294, 667-685.

Shirshendu Chowdhury, Mrinmay Biswas, **Rajib Dutta** (2020): Approximate controllability of the FitzHugh-Nagumo equation in one dimension. *J. Differential Equations* 268, no. 7, 3497-3563.

Shirshendu Chowdhury, Sylvain Ervedoza (2019): Open loop stabilization of incompressible Navier-Stokes equations in a 2d channel using power series expansion. *J. Math. Pures Appl. (9)* 130, 301-346.

Somnath Basu and Prateep Chakraborty (2020): On the cohomology ring and upper characteristic rank of Grassmannian of oriented 3-planes, *Journal of Homotopy and Related Structures*, 15 (1), 27 - 60.

B. Krishna Das, **Sushil Gorai**, Jaydeb Sarkar (2020): On quotient modules of $H_2(\mathbb{D}^n)$: essential normality and boundary representations, *Proceedings of Royal Society of Edinburgh Section A*, 150 (3), 1339-1359.