

Ms. Dionne Ibarra
School of Mathematics
Email: Dionne.Ibarra@monash.edu



Qualifications

Mathematics, Ph.D., Framed links in 3-manifolds, its applications, and algebraic approaches to knot theory, George Washington University
28 Aug 2017 → 15 May 2022
Award Date: 15 May 2022

Employment

Research Fellow
School of Mathematics
MONASH UNIVERSITY
1 Jul 2024 → present

Research outputs

Lectures in Knot Theory: An Exploration of Contemporary Topics

Przytycki, J. H., Bakshi, R. P., Ibarra, D., Montoya-Vega, G. & Weeks, D., 15 Mar 2024, 1 ed. Switzerland: Springer. 520 p. (Universitext)

Logarithm-Based Methods for Interpolating Quaternion Time Series

Parker, J., Ibarra, D. & Ober, D., Mar 2023, In: Mathematics. 11, 5, 13 p., 1131.

On framings of links in 3-manifolds

Bakshi, R. P., Ibarra, D., Montoya-Vega, G., Przytycki, J. H. & Weeks, D., 21 Dec 2021, In: Canadian Mathematical Bulletin. 64, 4, p. 752-764 13 p.

A generalization of the Gram determinant of type A

Bakshi, R. P., Ibarra, D., Mukherjee, S. & Przytycki, J. H., 15 May 2021, In: Topology and its Applications. 295, 15 p., 107663.

Schur multipliers and second quandle homology

Bakshi, R. P., Ibarra, D., Mukherjee, S., Nosaka, T. & Przytycki, J. H., 15 Jun 2020, In: Journal of Algebra. 552, p. 52-67 16 p.

On a state model for the $SO(2n)$ Kauffman polynomial

Caprau, C., Heywood, D. & Ibarra, D., 2014, In: Involve. 7, 4, p. 547-563 17 p.