

Prof. MOHAN LAL BHUPAL

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International Researcher IDs

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Education Information

Doctorate, University of Warwick, Mathematics Department, United Kingdom 1994 - 1998

Research Areas

General Topology, Manifolds and Cell Complexes

Courses

Graph Theory 1, Undergraduate, 2022 - 2023

Introduction to Differential Equations, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Basic Algebraic Structures, Undergraduate, 2021 - 2022

Low Dimensional Topology, Postgraduate, 2021 - 2022, 2020 - 2021

Discrete Mathematics, Undergraduate, 2020 - 2021

Calculus With Analytic Geometry, Undergraduate, 2020 - 2021

Differential Topology, Postgraduate, 2019 - 2020

Linear Algebra I, Undergraduate, 2019 - 2020

Algebraic Topology II, Postgraduate, 2018 - 2019

Analytic Geometry, Undergraduate, 2019 - 2020

Calculus of Functions of Several Variables, Undergraduate, 2017 - 2018

Algebraic Topology I, Postgraduate, 2018 - 2019

Advising Theses

BHUPAL M. L., Algebraic geometric methods in studying splines, Doctorate, N.SİPAHİ(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Open books decompositions of links of minimally elliptic singularities
BHUPAL M. L.

MATHEMATISCHE NACHRICHTEN, vol.294, no.3, pp.450-485, 2021 (SCI-Expanded)

- II. **On the monodromy of Milnor open books**
Altınok Bhupal S., Bhupal M. L.
TURKISH JOURNAL OF MATHEMATICS, vol.42, pp.1005-1017, 2018 (SCI-Expanded)
- III. **Symplectic fillings of lens spaces as Lefschetz fibrations**
BHUPAL M. L., ÖZBAĞCI B.
JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY, vol.18, no.7, pp.1515-1535, 2016 (SCI-Expanded)
- IV. **Canonical contact structures on some singularity links**
BHUPAL M. L., ÖZBAĞCI B.
BULLETIN OF THE LONDON MATHEMATICAL SOCIETY, vol.46, pp.576-586, 2014 (SCI-Expanded)
- V. **SMOOTHINGS OF SINGULARITIES AND SYMPLECTIC TOPOLOGY**
BHUPAL M. L., Stipsicz A. I.
DEFORMATIONS OF SURFACE SINGULARITIES, vol.23, pp.57-97, 2013 (SCI-Expanded)
- VI. **SYMPLECTIC FILLINGS OF LINKS OF QUOTIENT SURFACE SINGULARITIES**
BHUPAL M. L., Ono K.
NAGOYA MATHEMATICAL JOURNAL, vol.207, pp.1-45, 2012 (SCI-Expanded)
- VII. **MILNOR OPEN BOOKS OF LINKS OF SOME RATIONAL SURFACE SINGULARITIES**
BHUPAL M. L., ÖZBAĞCI B.
PACIFIC JOURNAL OF MATHEMATICS, vol.254, no.1, pp.47-65, 2011 (SCI-Expanded)
- VIII. **WEIGHTED HOMOGENEOUS SINGULARITIES AND RATIONAL HOMOLOGY DISK SMOOTHINGS**
BHUPAL M. L., Stipsicz A. I.
AMERICAN JOURNAL OF MATHEMATICS, vol.133, no.5, pp.1259-1297, 2011 (SCI-Expanded)
- IX. **OPEN BOOK DECOMPOSITIONS OF LINKS OF SIMPLE SURFACE SINGULARITIES**
BHUPAL M. L.
INTERNATIONAL JOURNAL OF MATHEMATICS, vol.20, no.12, pp.1527-1545, 2009 (SCI-Expanded)
- X. **On symplectic fillings of links of rational surface singularities with reduced fundamental cycle**
BHUPAL M. L.
NAGOYA MATHEMATICAL JOURNAL, vol.175, pp.51-57, 2004 (SCI-Expanded)
- XI. **On singular solutions of implicit second-order ordinary differential equations**
Bhupal M. L.
Hokkaido Mathematical Journal, vol.32, no.3, pp.623-641, 2003 (SCI-Expanded)
- XII. **A partial order on the group of contactomorphisms of \mathbb{R}^{2n+1} via generating functions**
Bhupal M. L.
Turkish Journal of Mathematics, vol.25, no.1, pp.125-135, 2001 (SCI-Expanded)
- XIII. **A generalisation of the Morse inequalities**
Bhupal M.
JOURNAL OF THE AUSTRALIAN MATHEMATICAL SOCIETY SERIES A-PURE MATHEMATICS AND STATISTICS, vol.70, pp.351-385, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Minimal page-genus of Milnor open books on links of rational surface singularities**
Bhupal M. L., Altınok Bhupal S.
Contemporary Mathematics, vol.475, pp.1-10, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Nonexistence of rational homology disk weak fillings of certain singularity links**
Bhupal M. L., Stipsicz A.

in: Proceedings of the Gökova Geometry-Topology Conference 2015, Selman Akbulut, Denis Auroux, Turgut Onder, Editor, International Press, Massachusetts, pp.202-217, 2016

Tasks In Event Organizations

Bozkaya C., Bhupal M. L., Öztürk S., Cahit Arf Lecture 2019, Workshop Organization, Ankara, Turkey, Eylül 2019

Bhupal M. L., Öztürk S., Bozkaya C., Cahit Arf Lectures 2018, Workshop Organization, Ankara, Turkey, Kasım 2018

Bhupal M. L., Seven A. İ., Arf Lecture 2015, Workshop Organization, Turkey, Nisan 2015

Bhupal M. L., Seven A. İ., Cahit Arf Lecture 2013-2014, Workshop Organization, Turkey, Mart 2014

Metrics

Publication: 16

Citation (WoS): 47

Citation (Scopus): 63

H-Index (WoS): 4

H-Index (Scopus): 5