

## Prof. Dr. MOHAN LAL BHUPAL

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Yoksis Araştırmacı ID: 205091

### Eğitim Bilgileri

Doktora, University of Warwick, Mathematics Department, Birleşik Krallık 1994 - 1998

### Araştırma Alanları

Genel Topoloji, Manifoldlar ve Hücre Kompleksleri

### Verdiği Dersler

Graph Theory 1, Lisans, 2022 - 2023

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

Basic Algebraic Structures, Lisans, 2021 - 2022

Low Dimensional Topology, Yüksek Lisans, 2021 - 2022, 2020 - 2021

Discrete Mathematics, Lisans, 2020 - 2021

Calculus With Analytic Geometry, Lisans, 2020 - 2021

Differential Topology, Yüksek Lisans, 2019 - 2020

Linear Algebra I, Lisans, 2019 - 2020

Algebraic Topology II, Yüksek Lisans, 2018 - 2019

Analytic Geometry, Lisans, 2019 - 2020

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

Algebraic Topology I, Yüksek Lisans, 2018 - 2019

### Yönetilen Tezler

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

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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

- MATHEMATISCHE NACHRICHTEN, cilt.294, sa.3, ss.450-485, 2021 (SCI-Expanded)
- II. **On the monodromy of Milnor open books**  
 Altınok Bhupal S., Bhupal M. L.  
 TURKISH JOURNAL OF MATHEMATICS, cilt.42, ss.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, cilt.18, sa.7, ss.1515-1535, 2016 (SCI-Expanded)
- IV. **Canonical contact structures on some singularity links**  
 BHUPAL M. L., ÖZBAĞCI B.  
 BULLETIN OF THE LONDON MATHEMATICAL SOCIETY, cilt.46, ss.576-586, 2014 (SCI-Expanded)
- V. **SMOOTHINGS OF SINGULARITIES AND SYMPLECTIC TOPOLOGY**  
 BHUPAL M. L., Stipsicz A. I.  
 DEFORMATIONS OF SURFACE SINGULARITIES, cilt.23, ss.57-97, 2013 (SCI-Expanded)
- VI. **SYMPLECTIC FILLINGS OF LINKS OF QUOTIENT SURFACE SINGULARITIES**  
 BHUPAL M. L., Ono K.  
 NAGOYA MATHEMATICAL JOURNAL, cilt.207, ss.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, cilt.254, sa.1, ss.47-65, 2011 (SCI-Expanded)
- VIII. **WEIGHTED HOMOGENEOUS SINGULARITIES AND RATIONAL HOMOLOGY DISK SMOOTHINGS**  
 BHUPAL M. L., Stipsicz A. I.  
 AMERICAN JOURNAL OF MATHEMATICS, cilt.133, sa.5, ss.1259-1297, 2011 (SCI-Expanded)
- IX. **OPEN BOOK DECOMPOSITIONS OF LINKS OF SIMPLE SURFACE SINGULARITIES**  
 BHUPAL M. L.  
 INTERNATIONAL JOURNAL OF MATHEMATICS, cilt.20, sa.12, ss.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, cilt.175, ss.51-57, 2004 (SCI-Expanded)
- XI. **On singular solutions of implicit second-order ordinary differential equations**  
 Bhupal M. L.  
 Hokkaido Mathematical Journal, cilt.32, sa.3, ss.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, cilt.25, sa.1, ss.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, cilt.70, ss.351-385, 2001 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

- I. **Minimal page-genus of Milnor open books on links of rational surface singularities**  
 Bhupal M. L., Altınok Bhupal S.  
 Contemporary Mathematics, cilt.475, ss.1-10, 2008 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

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

Proceedings of the Gökova Geometry-Topology Conference 2015, Selman Akbulut, Denis Auroux, Turgut Onder,  
Editör, International Press , Massachusetts, ss.202-217, 2016

## **Etkinlik Organizasyonlarındaki Görevler**

Bozkaya C., Bhupal M. L., Öztürk S., Cahit Arf Lecture 2019, Çalıştay Organizasyonu, Ankara, Türkiye, Eylül 2019  
Bhupal M. L., Öztürk S., Bozkaya C., Cahit Arf Lectures 2018, Çalıştay Organizasyonu, Ankara, Türkiye, Kasım 2018  
Bhupal M. L., Seven A. İ., Arf Lecture 2015, Çalıştay Organizasyonu, Türkiye, Nisan 2015  
Bhupal M. L., Seven A. İ., Cahit Arf Lecture 2013-2014, Çalıştay Organizasyonu, Türkiye, Mart 2014

## **Metrikler**

Yayın: 16

Atıf (WoS): 47

Atıf (Scopus): 63

H-İndeks (WoS): 4

H-İndeks (Scopus): 5