



دانشگاه صنعتی امیرکبیر
(پلی تکنیک تهران)

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بهزاد نجفی سقزچی

استادیار

دانشکده ریاضی و علوم کامپیوتر

گروه آموزشی ریاضی محض

رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	بررسی خواص هندسی مترهای فینسلر ناوردا روی گرواهای لی	منا اتش افروز و بهزاد نجفی سقزچی	شهریور 1399
2	ساختارهای تقریباً سایای فینسلری تقارن در آنها	طیبه السادات طباطبایی فر و بهزاد نجفی سقزچی	تیر 1399

پایان‌نامه‌های کارشناسی ارشد

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	مقدمات بهینه‌سازی ریمانی	رزمین عباسپور و بهزاد نجفی سقزچی	شهریور 1400
2	فضای اینشتین چپ پایا که مداری نیستند	عارف حویزی و بهزاد نجفی سقزچی	خرداد 1400
3	بررسی میدانهای برداری کیلینگ با طول ثابت در هندسه ریمانی	مرتضی شریفی نجار و بهزاد نجفی سقزچی	شهریور 1399
4	تقارن لی معادلات دیفرانسیل و همخطی های تصویری	بهنام باقری و بهزاد نجفی سقزچی	تیر 1399
5	بررسی سیستم های دینامیکی روی گروه های لی	سعید سلیمی و بهزاد نجفی سقزچی	بهمن 1398
6	نظریه و الگوریتم های بهینه سازی روی منیفلدهای ریمانی	نیما اسلامی و بهزاد نجفی سقزچی	شهریور 1398
7	ابرویه های انتقالی مینیمال در فضای اقلیدسی	منصوره میقانی و بهزاد نجفی سقزچی	بهمن 1397
8	بررسی وجود ژئودزیک های همگن روی فضاهای فینسلر همگن از بعد فرد	آریتا حاجی زاده و بهزاد نجفی سقزچی	مهر 1397
9	میدان های برداری هندسی روی منیفلدهای فینسلری	مهناز قاسمی و بهزاد نجفی سقزچی	مهر 1396

1396 مهر	حنانه کسمائی فر و بهزاد نجفی سقزچی	10 فرمول های انتگرال در منیفلدهای فینسلری
1395 مهر	فرهاد بدلی هشین و بهزاد نجفی سقزچی	11 بررسی منیفلدهای H-تماسی
1395 شهریور	فراز اورزمانی و بهزاد نجفی سقزچی	12 نتایج روی منیفلدهای K-تماسی و (μ, κ) -تماسی

کتاب

#	عنوان	نگارندگان/مترجمان	کشور ناشر	تاریخ انتشار	نسخه
داده های ثبت شده در پورتال					
1	آشنایی با هندسه منیفلد	بهزاد نجفی سقزچی، مرتضی میرمحمدرضائی، علی صادقی	ایران	1400	2
2	حساب دیفرانسیل و انتگرال روی R^n	مرتضی میرمحمدرضائی، بهزاد نجفی سقزچی	ایران	1399	1
3	مبانی علوم ریاضی	بهزاد نجفی سقزچی	ایران	1399	2
4	مبانی علوم ریاضی	بهزاد نجفی سقزچی	ایران	1394	1

مقالات ژورنال

داده های ثبت شده در پورتال

- 1 Farzaneh Kamelaei, Akbar Tayebi, Behzad Najafi Saghezchi, "On Homogeneous Finsler Manifolds with Some Curvature Properties", *BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY*, Vol. 47, Num. 6, Page 1-13, December 2021,
- 2 Mona Atashafrooz, Behzad Najafi Saghezchi, Akbar Tayebi, "On non-positively curved homogeneous Finsler metrics", *DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS*, Vol. 79, Num. 1, Page 101830-101842, November 2021,
- 3 Akbar Tayebi, Behzad Najafi Saghezchi, "On Homogeneous Isotropic Berwald Metrics", *EUROPEAN JOURNAL OF MATHEMATICS*, Vol. 7, Num. 1, Page 404-415, November 2021,
- 4 Akbar Tayebi, Behzad Najafi Saghezchi, "The Weakly generalized unicorns in Finsler geometry", *Science China Mathematics*, Vol. 35, Num. 1, Page 1-12, June 2021,
- 5 Akbar Tayebi, Behzad Najafi Saghezchi, "On homogeneous Landsberg surfaces", *JOURNAL OF GEOMETRY AND PHYSICS*, Vol. 14, Num. 1, Page 104314-104326, June 2021,
- 6 Pi, Scoran Laurian-loan, Behzad Najafi Saghezchi, Barbu Catalin, Tayebeh Tabatabaeifar, "The Deformation of an $(a; b)$ -Metric", *INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY*, Vol. 14, Num. 1, Page 167-173, April 2021,
- 7 Akbar Sadighi, Megerdich Toomanian, Behzad Najafi Saghezchi, "On Homogeneous Randers Metrics", *INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY*, Vol. 14, Num. 1, Page 217-225, April 2021,
- 8 Akbar Tayebi, Marzeiya Amini, Behzad Najafi Saghezchi, "ON CONFORMALLY BERWALD M-TH ROOT (a, b) -METRICS", *FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS*, Vol. 35, Num. 4, Page 963-981, February 2021,
- 9 Behzad Najafi Saghezchi, N. Youseflavi, Akbar Tayebi, "Yamabe Problem for Kropina Metrics", *BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY*, Vol. 0, Num. 0, Page 0-0, February 2021,
- 10 Tayebhossadat Tabatabaei Far., Mehdi Rafie-Rad, Behzad Najafi Saghezchi, "Two notable class of projective vector fields", *FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS*, Vol. 35, Num. 2, Page 741-772, November 2020,
- 11 Tayebhossadat Tabatabaei Far., Behzad Najafi Saghezchi, Akbar Tayebi, "Weighted Projective Ricci Curvature in Finsler Geometry", *MATHEMATICA SLOVACA*, Vol. 71, Num. 183, Page 198-16, November 2020,

- 12 Tayebhossadat Tabatabaei Far., Behzad Najafi Saghezchi, Mehdi Rafie-Rad, "On generalized Douglas-Weyl Randers metrics", *CZECHOSLOVAK MATHEMATICAL JOURNAL*, Vol. 70, Num. 4, Page 1-18, October 2020,
- 13 Mona Atashafrooz, Behzad Najafi Saghezchi, Akbar Tayebi, "On GDW-Randers Metrics on Tangent Lie Groups", *AUT Journal of Mathematics and Computing*, Vol. 1, Num. 3, Page 1-10, October 2020,
- 14 Laurian-Ioan Piscoran, Catalin Barbu, Behzad Najafi Saghezchi, "On the conformal change of a special class of (a,b)-metrics", *BALKAN JOURNAL OF GEOMETRY AND ITS APPLICATIONS*, Vol. 25, Num. 1, Page 104-116, July 2020,
- 15 Tayebhossadat Tabatabaei Far., Behzad Najafi Saghezchi, Mehdi Rafie-Rad, "On almost contact Finsler structures", *INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS*, Vol. 0, Num. 0, Page 1-16, June 2020,
- 16 Mona Atashafrooz, Behzad Najafi Saghezchi, "ON GENERALIZED BERWALD METRICS", *Global Journal of Advanced Research on Classical and Modern Geometries*, Vol. 9, Num. 2, Page 90-95, May 2020,
- 17 Mona Atashafrooz, Behzad Najafi Saghezchi, Akbar Tayebi, "Weakly Douglas Finsler metrics", *PERIODICA MATHEMATICA HUNGARICA*, Vol. 1, Num. 1, Page 1-10, March 2020,
- 18 Mona Atashafrooz, Behzad Najafi Saghezchi, "On D-Recurrent Finsler Metrics", *Bulletin of the Iranian Mathematical Society*, Vol. 0, Num. 0, Page 1-10, March 2020,
- 19 Akbar Tayebi, Razgordani, Behzad Najafi Saghezchi, "On conformally flat cubic (a,b)-metrics", *VIETNAM JOURNAL OF MATHEMATICS*, Vol. 49, Num. 49, Page 987-1000, March 2020,
- 20 Mona Atashafrooz, Behzad Najafi Saghezchi, "On Cheng-Shen Conjecture in Finsler Geometry", *INTERNATIONAL JOURNAL OF MATHEMATICS*, Vol. 31, Num. 4, Page 45-62, February 2020,
- 21 Akbar Tayebi, Behzad Najafi Saghezchi, "Classification of 3-dimensional Landsbergian (a,b)-metrics", *PUBLICATIONES MATHEMATICAE-DEBRECEN*, Vol. 96, Num. 2, Page 45-62, January 2020,
- 22 Tayebhossadat Tabatabaei Far., Behzad Najafi Saghezchi, "(a,b)-metrics with Killing b of constant length", *AUT Journal of Mathematics and Computing*, Vol. 0, Num. 0, Page 1-7, December 2019,
- 23 Mona Atashafrooz, Behzad Najafi Saghezchi, Laurian-Ioan Piscoran, "LEFT INVARIANT (α, β) -METRICS ON 4-DIMENSIONAL LIE GROUPS", *FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS*, Vol. 35, Num. 3, Page 727-740, December 2019,
- 24 Seyyed Mohammad Zamanzadeh, Behzad Najafi Saghezchi, Megerdich Toomanian, "On Concurrent vector fields on Finsler manifolds", *Journal of New Researches in Mathematics*, Vol. 5, Num. 20, Page 115-120, November 2019,
- 25 Zeynab Didehkani, Behzad Najafi Saghezchi, Nikrouz Heydari, "on nearly kahler finsler spaces", *APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL*, Vol. 14, Num. 2, Page 1243-1268, September 2019,
- 26 Zeynab Didehkani, Behzad Najafi Saghezchi, "TWO-STEP HOMOGENEOUS GEODESICS IN HOMOGENEOUS LORENTZIAN SPACES Z. DIDEHKANI", *Global Journal of Advanced Research on Classical and Modern Geometries*, Vol. 8, Num. 2, Page 91-97, September 2019,
- 27 Akbar Taayebi, Behzad Najafi Saghezchi, "A class of Homogeneous Finsler Metrics", *JOURNAL OF GEOMETRY AND PHYSICS*, Vol. 140, Num. 0, Page 265-270, March 2019,
- 28 Behzad Najafi Saghezchi, Akbar Tayebi, "A rigidity result on Finsler surfaces", *BALKAN JOURNAL OF GEOMETRY AND ITS APPLICATIONS*, Vol. 23, Num. 2, Page 34-40, August 2018,
- 29 Seyyed Mohammad Zamanzadeh, Behzad Najafi Saghezchi, Mergedich Toomanian, "on generalized P-reducible Finsler manifolds", *Open Mathematics*, Vol. 16, Num. 0, Page 718-723, June 2018,
- 30 Nikrooz Heidari, Niloufar Hossein Pour Kashani, Behzad Najafi Saghezchi, "Nearly Kahler and nearly Kenmotsu manifolds", *TURKISH JOURNAL OF MATHEMATICS*, Vol. 42, Num. 42, Page 967-977, May 2018,
- 31 Akbar Tayebi, Ali Nankali, Behzad Najafi Saghezchi, "On the Class of Einstein Exponential-Type Finsler Metrics", *JOURNAL OF MATHEMATICAL PHYSICS ANALYSIS GEOMETRY*, Vol. 14, Num. 1, Page 100-114, April 2018,
- 32 Zeynab Dideh Khani, Behzad Najafi Saghezchi, Behroz Bidabad, "HOMOGENEOUS FINSLER SPACES WITH SPECIAL NON-RIEMANNIAN CURVATURES", *Global Journal of Advanced Research on Classical and Modern Geometries*, Vol. 7, Num. 1, Page 37-43, March 2018,










- 33 S. M. Zamanzadeh, Behzad Najafi Saghezchi, Toomanian, "Projectable conformal vector fields on tangent bundle", *Global Journal of Advanced Research on Classical and Modern Geometries*, Vol. 6, Num. 2, Page 114-118, November 2017,
- 34 Behzad Najafi Saghezchi, Akbar Tayebi, "Some curvature properties of (a,b)-metrics", *BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHÉMATIQUES DE ROUMANIE*, Vol. 60, Num. 3, Page 277-289, September 2017,
- 35 Behzad Najafi Saghezchi, Akbar Tayebi, "Weakly Stretch Finsler Metrics", *PUBLICATIONES MATHEMATICAE-DEBRECEN*, Vol. 91, Num. 0, Page 441-454, June 2017,
- 36 Behzad Najafi Saghezchi, Samaneh Saberali, "On a class of isotropic mean Landsberg metrics", *Differential Geometry - Dynamical Systems-OPEN*, Vol. 18, Num. 18, Page 72-80, May 2016,
- 37 Behzad Najafi Saghezchi, Akbar Tayebi, "A CLASS OF FINSLER METRICS WITH ISOTROPIC MEAN BERWALD CURVATURE", *Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis-Open*, Vol. 32, Num. 32, Page 113-123, May 2016,

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- 1 Behzad Najafi Saghezchi, Mona Atashafrooz, "bi-invariant fourth root finsler metrics on the simply connected 3-dimensional Lie groups ", 10th seminar on geometry and topology, February 2020
- 2 Nima Eslami, Behzad Najafi Saghezchi, "Riemannian Optimization: Motivations and applications ", The 10th seminar on Geometry and Topology, February 2020
- 3 Behzad Najafi Saghezchi, Tayebhossadat Tabatabaei Far,, "On Generalized Douglas Weyl Randers Metrics ", conference of differential geometry and its applications, August 2019
- 4 Behzad Najafi Saghezchi, Mona Atashafrooz, "GDW-Randers metrics on Lie groups ", 50th annual Iranian mathematics conference, August 2019
- 5 Behzad Najafi Saghezchi, Mona Atashafrooz, "On Invariant Generalized Douglas-Weyl Metrics ", 49th annual irannian mathematics conference, August 2018
- 6 Behzad Najafi Saghezchi, Tayebhossadat Tabatabaei Far,, "On Cosymplectic Manifolds ", 49th annual irannian mathematics conference, August 2018
- 7 Behzad Najafi Saghezchi, Tayebhossadat Tabatabaei Far,, "On Projective Vector Fields in Finsler Geometry ", 48th Annual Iranian Mathematics Conference, August 2017
- 8 Behzad Najafi Saghezchi, Faraz Avarzamani, "A Shpere Theorem and Ricci Soliton on Contact Manifolds ", The ?th Seminar on Geometry and Topology, July 2017
- 9 Behzad Najafi Saghezchi, Tayebhossadat Tabatabaei Far,, "C-projective Transformations ", The 9th Seminar on Geometry and Topology, July 2017
- 10 Behzad Najafi Saghezchi, Mona Atashafrooz, "On the chi-curvature of Finsler metrics ", The ?th Seminar on Geometry and Topology, July 2017
- 11 Behzad Najafi Saghezchi, Mohamman Zamanzadeh, "Conformal Vector Fields on Tangent Bundle ", 47th Annual Iranian Mathematical Society, August 2016
- 12 Behzad Najafi Saghezchi, Tayebhossadat Tabatabaei Far,, "On Finslerain Surfaces with Special Curvature Propeties ", 47th Annual Iranian Mathematical Society, August 2016
- 13 Behzad Najafi Saghezchi, Tayebhossadat Tabatabaei Far,, "Weakly Stretch Finsler Metrics ", Third Workshop and Seminar on Geometry and Topology and its Applications, May 2016
- 14 Behzad Najafi Saghezchi, Samaneh Saberali, "on concurrent vector fields in Finsler spaces ", 2nd National Conference on Mathematics and its Applications, May 2015

دروس ارائه شده

# عنوان درس	توصیف درس	سرفصل ها	دوره درسی ها
1 GENERAL TOPOLOGY	Study the concept of continuity in general setting including metric spaces		Spring 2022
2 Math. (II)	Calculus o multivariable functions		Spring 2022
3 Geometry of Manifolds (II)	Riemannain geometry and Connections		Spring 2022
4 Math. (I)	Calculus of one variable functions		Fall 2021
5 Math. (I)	Calculus of one variable functions		Fall 2021
6 Math. (II)	Calculus o multivariable functions		Spring 2021
7 Math. (II)	Calculus o multivariable functions		Spring 2021
8 Math. (II)	Calculus o multivariable functions		Spring 2021
9 Topics in Geometry	To Study different geometric structures and geometric vector fields on a manifold		Spring 2021