

Tomás Domínguez Benavides

Curriculum Vitae

Dpto. Análisis Matemático
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PERSONAL DATA

Family Name	Dominguez Benavides
Given Name	Tomas
Date of Birth	December 18th, 1952
Place of Birth	Nerva (Spain)
Nationality	Spain
Gender	Male
Marital Status	Married
Spouse's Name	Maria Luisa
Children	Two
Passport Number	AAI771895
Current Address	Felipe II, 41013-Seville (Spain)

EDUCATION

1975-1977	PH.D. in Mathematics , <i>School of Sciences</i> , University of Seville, Seville. Title: <i>Dynamical systems in Topological Vector Spaces</i> . Supervisor: Prof. Dr. A. de Castro Brzezicki (Univ. Seville). Mark: Excellent with Distinction
1968-1973	Undergraduate Studies in Mathematics , <i>School of Sciences</i> , University of Seville, Seville. Mark: Excellent with Distinction

ACADEMIC POSITIONS

1973-1975	Assistant, University of Sevilla.
1976-1977	Visiting Professor, University of Minnesota.
1978-1982	Associate Professor, University of Sevilla.
1982-1998	Full Professor, University of Seville.
1998-1999	Visiting Professor, University of Texas (UTEP).
1999-	Full Professor, University of Sevilla.

LANGUAGE KNOWLEDGE

Spanish: native

English: advanced
French: intermediate
German: elementary

LECTURED COURSES

Calculus, Advanced Calculus, Complex Variable, Ordinary Differential Equations, Functional Analysis, Integration Theory, Linear Algebra and Topology, Spectral Theory, Fourier Analysis, most of them in several levels.

PRIZES AND AWARDS

National award for graduated in Mathematics (1974).

Prize Real Maestranza de Caballería de Sevilla for young researchers (granted by the Real Academia Sevillana de Ciencias) (1989).

Member of the Real Academia Sevillana de Ciencias (since 1993).

RESEARCH INTEREST

Subject: Dynamical Systems
Key words: Autonomous and Non-autonomous Systems. Phase space. Atractors.

Subject: Differential equations in Banach spaces
Key words: Skew-product flow. Continuous dependence. Periodic solutions.

Subject: Geometric Theory of Banach spaces and Nonlinear Operators
Key words: Measures of noncompactness. Condensing operators. Non-expansive operators. Fixed Points.

subject: Generic fixed point theory
Key words: Baire category. Non expansive and non-alpha-expansive mappings. Renormings.

RESEARCH GRANTS

Project 1.

Name: NONLINEAR ANALYSIS
Responsible: T. Domínguez Benavides
Organization: Junta de Andalucía (Consejería de Innovación, Ciencia y Empresa)
1991-2015

Project 2.

Name: GEOMETRIC PROPERTIES IN THE THEORY OF NONLINEAR OPERATORS
Responsible: T. Domínguez Benavides
Organization: Ministry of Sciences
1994-1996

Project 3.

Name MEASURES OF NONCOMPACTNESS AND METRIC FIXED POINT THEORY
Responsible T. Domínguez Benavides
Organization Ministerio de Ciencias
1997-1999

Project 4.

Name APPLICATIONS OF THE GEOMETRY OF BANACH SPACES TO THE METRIC
FIXED POINT THEORY
Responsible T. Domínguez Benavides
Organization Ministry of Sciences
2000-2002

Project 5.

Name APPLICATIONS OF THE GEOMETRY OF BANACH SPACES TO THE METRIC
FIXED POINT THEORY. UNIVERSALITY OF ANALYTIC FUNCTIONS
Responsible T. Domínguez Benavides
Organization Ministry of Sciences
2003-2005

Project 6.

Name METRIC FIXED POINT THEORY, HYPERCYCLITY AND APPLICATIONS
Responsible T. Domínguez Benavides
Organization Ministry of Sciences
2006-2008

Project 7.

Name OPERADORES NO-EXPANSIVOS, MONÓTONOS, ACRETIVOS Y CICLICOS:
APLICACIONES
Responsible G. López Acedo
Organization Ministry of Sciences
2009-2012

Project 8.

Name APLICACIONES DEL ANÁLISIS FUNCIONAL A LA RESOLUCIÓN DE ECUA-
CIONES NO LINEALES, PROBLEMAS DE OPTIMIZACIÓN Y CICLICIDAD
Responsible G. López Acedo
Organization Ministry of Sciences
2013-2015

Project 9.

Name APLICACIONES DEL ANÁLISIS FUNCIONAL A LA RESOLUCIÓN DE PROBLE-
MAS NO LINEALES, EN OPTIMIZACIÓN CONVEXA Y A LA LINEABILIDAD
Responsible G. López Acedo
Organization Ministry of Sciences
2016-2018

EDITOR FOR THE FOLLOWING JOURNALS

Fixed Point Theory.(Springer).

Journal of Mathematical Analysis and Applications.(Elsevier).

Fixed Point Theory and Applications. (House of the book)

Abstract and Applied Analysis (Hindawi).

Journal of nonlinear and convex analysis (Yokohama Publ.).

Journal of Nonlinear Analysis and Optimization: Theory and Applications (University of Chiang Mai).

Pure and Applied Functional Analysis (Yokohama Publishers).

Advances in Fixed Point Theory (SCI Publishing Corporation).

SUPERVISION OF DOCTORAL DISSERTATION

- | | |
|--------|---|
| Title | Duality between measures and abstract categories |
| Doctor | José María Ayerbe Toledano |
| Year | 1985 |
| Title | Theory of the multivaluated topological degree |
| Doctor | Genaro López Acedo |
| Year | 1988 |
| Title | Packing rates and condensing operators |
| Doctor | Ramón J. Rodríguez Alvarez |
| Year | 1993 |
| Title | Some moduli for the property beta of Rolewicz and some other geometric properties in Banach spaces. |
| Doctor | S. Francisco Cutillas |
| Year | 1997 |
| Title | Stability of the fixed point property for nonexpansive mappings. |
| Doctor | M.A. Japon Pineda |
| Year | 1998 |
| Title | Fixed Point Theory in functional modular spaces |
| Doctor | S. Samadi |
| Year | 2001 |
| Title | Some random and deterministic fixed point theorems |
| Doctor | J. Lorenzo |
| Year | 2002 |
| Title | Some moduli in Banach spaces with applications in Metric Fixed Point Theory |

Doctor B.Gavira

Year 2006

Title Genericity of the fixed point property under renorming

Doctor S. Phothi

Year 2010

MAIN PUBLICATIONS

Author TOMAS DOMINGUEZ BENAVIDES

Title *An existence theorem for implicit differential equations in a Banach space.*

Journal Ann. Mat. Pura ed Appl. vol. CXVIII, 119-130, (1978).

Author TOMAS DOMINGUEZ BENAVIDES

Title *Dynamical system for a non-autonomous differential equation with α -Lipschitz operator.*

Journal J. Diff. Eq. 34 (2), 230-238 (1979).

Author TOMAS DOMINGUEZ BENAVIDES

Title *Continuous dependence for implicit differential equations in Banach spaces.*

Journal Collect. Math. vol. XXXI, 3, 205-216 (1980).

Author TOMAS DOMINGUEZ BENAVIDES

Title *Applications of the Baire categories to the existence of solution for a differential equation in a Banach space. (Spanish).*

Journal Real Acad. Ci. Ex. Fi. Nat. de Madrid, vol LXXV (1), 263-271 (1981).

Author TOMAS DOMINGUEZ BENAVIDES

Title *Generic index of the fixed point for non- α -expansive mappings (Spanish)*

Book Proceedings of the IX Jornadas Matemáticas Hispano-Lusas, 265-268.

Publisher Universidad de Salamanca. Salamanca (1982).

Author TOMAS DOMINGUEZ BENAVIDES

Title *Generic existence of solution for a differential equation in a scale of Banach spaces.*

Journal Proc. Amer. Math. Soc. 86 (3) , 477-484 (1982).

Author TOMAS DOMINGUEZ BENAVIDES

Title *Generic existence of a non-empty compact set of fixed points.*

Journal J.Math. Anal. Appl. 90 (2), 421-430 (1982).

Author TOMAS DOMINGUEZ BENAVIDES

Title *Some generic properties of non- α -expansive operators.*

Journal J. Math. Anal. Appl. 105 (1), 176-186 (1985).

- Author TOMAS DOMINGUEZ BENAVIDES
 Title *Some topological properties of the 1-set-contractions.*
 Journal Proc. Amer. Math. Soc. 93 (2), 252-254 (1985).
- Author TOMAS DOMINGUEZ BENAVIDES
 Title *Generic existence of periodic solutions of differential equations in Banach spaces.*
 Journal Bull. Acad. Pol. Sci. 32, 129-135 (1985).
- Author TOMAS DOMINGUEZ BENAVIDES
 Title *How many zeros does a continuous function have?*
 Journal Amer. Math. Monthly 93 (6), 464-465 (1986).
- Author TOMAS DOMINGUEZ BENAVIDES
 Title *Some properties of the set and ball measures of noncompactness and applications.*
 Journal J. London Math. Soc. 34 (2), 120-128 (1986).
- Author TOMAS DOMINGUEZ BENAVIDES
 Title *Set-contractions and ball-contractions in some classes of spaces.*
 Journal J. Math. Anal Appl. Vol.136,No 1,131-140 (1988).
- Authors TOMAS DOMINGUEZ BENAVIDES ; J.M. AYERBE.
 Title *Set-contractions and ball-contractions in L_p -spaces.*
 Journal Journal Math. Anal. Appl.159 (2) 500-506 (1991).
- Authors TOMAS DOMINGUEZ BENAVIDES ;G. LOPEZ ACEDO.
 Title *Fixed points of asymptotically contractive mappings.*
 Journal Journal Math. Anal. Appl.164(2) 447-452 (1992).
- Author TOMAS DOMINGUEZ BENAVIDES
 Title *Normal structure coefficient in L_p -spaces*
 Journal Proc. Royal Soc. Edinburgh 117A 299-303 (1991).
- Authors TOMAS DOMINGUEZ BENAVIDES;G.LOPEZ ACEDO
 Title *Lower bounds for normal structure coefficients*
 Journal Proc. Royal Soc. Edinburgh 121A,245-252 (1992).
- Authors TOMAS DOMINGUEZ BENAVIDES; G.LOPEZ ACEDO; J.M. AYERBE
 Title *Connections between some measures of noncompactness and associated operators.*
 Journal Extracta Mathematica 5(2),62-64 (1990).
- Authors J.CARMONA ALVAREZ; TOMAS DOMINGUEZ BENAVIDES
 Title *Porosity and k -set-contractions*
 Journal Boll. Un. Mat. It. 6-A (1992), 227-232.

- Authors J.M. AYERBE TOLEDANO; TOMAS DOMINGUEZ BENAVIDES
 Title *Connections between some Banach space coefficients concerning normal structure.*
 Journal J. Math. Anal. Appl. 172(1), (1993), 53-61.
- Authors TOMAS DOMINGUEZ BENAVIDES; RAMON J. RODRIGUEZ
 Title *Some geometric coefficients in Orlicz sequence spaces.*
 Journal Nonlinear Anal. 20 (4), 349-358 (1993).
- Authors JUAN ARIAS DE REYNA; TOMAS DOMINGUEZ BENAVIDES
 Title *On a measure of noncompactness in Banach spaces with Schauder basis.*
 Journal Boll.Un. Mat. It. 7A (1993).
- Author TOMAS DOMINGUEZ BENAVIDES
 Title *Weak uniform normal structure coefficients in product spaces.*
 Journal Studia Math. 103 (3), 283-290 (1992).
- Authors T. DOMINGUEZ BENAVIDES; G. LOPEZ ACEDO; HONG-KUN XU.
 Title *Weak uniform normal structure and iterative fixed point of nonexpansive mappings.*
 Journal Colloquium Math. LXVIII(1) (1995), 17-23.
- Authors T. DOMINGUEZ BENAVIDES; G. LOPEZ ACEDO; HONG-KUN XU.
 Title *Qualitative and quantitative properties of the space $\ell_{p,q}$.*
 Journal Houston J. Math. 22(1), 89-99 (1996).
- Author TOMAS DOMINGUEZ BENAVIDES.
 Title *Modulus of nearly uniform smoothness and Lindenstrauss formulae.*
 Journal Glasgow Math. J. 37 (1995), 143-153.
- Authors T. DOMINGUEZ BENAVIDES; HONG-KUN XU.
 Title *A new geometrical coefficient for Banach spaces and applications in fixed point theory.*
 Journal Nonlinear Anal. 22(3) (1995).
- Authors T. DOMINGUEZ BENAVIDES; G. LOPEZ ACEDO; HONG-KUN XU.
 Title *Random fixed points of set valued operators.*
 Journal Proc. Amer. Math. Soc. 124(3) (1996), 831-838.
- Authors T. DOMINGUEZ BENAVIDES; R.J. RODRIGUEZ.
 Title *Packing coefficients in direct sum spaces.*
 Journal Boll. Unione Mat. It. (7) 9-A (1995), 377-390.
- Authors T. DOMINGUEZ BENAVIDES.
 Title *Some fixed point results in Orlicz sequence spaces.*
 Journal Rend. Circ. Mat. Palermo, ser II, 40 (1996), 79-91.

- Authors J.M.AYERBE; T. DOMINGUEZ BENAVIDES; S. FRANCISCO CUTILLAS.
 Title *Some noncompact convexity moduli for the property (β) of Rolewicz.*
 Journal Comm.Appl.Nonlinear Anal. Vol 1 (1) (1994), 87-98.
- Author T. DOMINGUEZ BENAVIDES.
 Title *Some fixed point theorems for uniformly Lipschitzian mappings and asymptotically regular mappings.*
 Journal Nonlinear Anal. 32(1) (1998),15-27.
- Author T. DOMINGUEZ BENAVIDES.
 Title *Some geometric properties concerning metric fixed point theory.*
 Journal Rev. Mat. Univ. Complutense Madrid 9 (1996), 109-124.
- Author T. DOMINGUEZ BENAVIDES.
 Title *A geometrical coefficient implying the fixed point property and stability results.*
 Journal Houston J. Math.22 (4) (1996), 835-849.
- Authors J.M. AYERBE; T. DOMINGUEZ BENAVIDES; G. LOPEZ ACEDO
 Title Measures of Noncompactness in Metric Fixed Point Theory
 Publisher Birkhäuser. Basilea 1997. SERIE: Operator Theory.
- Authors J.M. AYERBE; T. DOMINGUEZ BENAVIDES; S. FRANCISCO CUTILLAS
 Title *A modulus for the property β of Rolewicz.*
 Journal Colloq. Math. 73(2) (1997), 183-191.
- Author T. DOMINGUEZ BENAVIDES
 Title *Geometric constant concerning metric fixed point theory: Finite or infinite dimensional character.*
 Journal Nonlinear Anal. 30(4) (1997) 2297-2308.
- Authors T. DOMINGUEZ BENAVIDES; M.A. JAPON PINEDA
 Title *Stability of the fixed point property for nonexpansive mapping in some classes of spaces.*
 Journal Com. Appl. Nonlin. Anal. 5(2) (1998),37-46.
- Authors T. DOMINGUEZ BENAVIDES; J. GARCIA FALSET; M.A. JAPON PINEDA
 Title *The τ -fixed point property for nonexpansive mappings.*
 Journal Abs. Appl. Anal. 3(3,4), (1998), 343-362.
- Authors T. DOMINGUEZ BENAVIDES; M.A. JAPON PINEDA
 Title *Opial modulus, moduli of noncompact convexity and fixed point for asymptotically regular mappings.*
 Journal Nonlinear Anal. 41 (2000), 617-630.

- Authors T. DOMINGUEZ BENAVIDES; M.A. JAPON PINEDA
 Title *Fixed point theorems for asymptotically regular mappings in Orlicz function spaces.*
 Journal Nonlinear Anal. 44 (2001), 829-842.
- Authors T. DOMINGUEZ BENAVIDES; M.A. KHAMSI; S. SAMADI
 Title *Asymptotically regular mappings in modular function spaces.*
 Journal Scientiae Mathematicae Japonicae Vol. 53, No. 2 (2001), 295-304.
- Authors T. DOMINGUEZ BENAVIDES; M.A. KHAMSI; S. SAMADI
 Title *Uniformly Lipschitzian mappings in modular function spaces.*
 Journal Nonlinear Anal. 46, no 2, (2001), 267-278.
- Authors T. DOMINGUEZ BENAVIDES; M.A. KHAMSI; S. SAMADI
 Title *Fixed points for asymptotically nonexpansive mappings in modular function spaces.*
 Journal J. Math. Anal. Appl. 265. no 2, (2002), 249-263.
- Authors T. DOMINGUEZ BENAVIDES; H. HUDZIK, G. LOPEZ ACEDO, M. MASTYLO, B. SIMS
 Title *Complete characterizations of Kadec-Klee properties in Orlicz Spaces.*
 Journal Houston J. Math.29(4) (2003), 1027-1044.
- Authors T. DOMINGUEZ BENAVIDES; P. LORENZO RAMIREZ
 Title *Structure of the fixed point sets and common fixed points for asymptotically nonexpansive mappings.*
 Journal Proc. Amer. Math. Soc. 129 (12)(2001), 3549-3557.
- Authors T. DOMINGUEZ BENAVIDES; G. LOPEZ ACEDO; K.K. XU
 Title *Iterative solutions for zeros of accretive operators.*
 Journal Math. Nachrichten 248/249, (2003) 62-71.
- Authors T. DOMINGUEZ BENAVIDES; G. LOPEZ ACEDO; K.K. XU
 Title *Constructions of sunny nonexpansive retractions in Banach spaces.*
 Journal Bull. Austral. Math. Soc. 66 (2002), 9-16.
- Authors T. DOMINGUEZ BENAVIDES; M.A. JAPÓN; G. LOPEZ ACEDO
 Title *Metric fixed point results concerning measures of noncompactness.*
 Book Handbook of Metric Fixed Point Theory, Chapter 8
 Publisher Kluwer Academic Publisher, AH Dordrecht 2001.
- Authors T. DOMINGUEZ BENAVIDES; P. LORENZO RAMÍREZ
 Title *Fixed point theorems for multivalued non-expansive mappings without uniform convexity.*
 Journal Abs. Appl. Anal.(6) (2003), 375-386.

- Authors T. DOMINGUEZ BENAVIDES; M.A. JAPÓN; S. PRUS
 Title *Weak compactness and fixed points for affine mappings.*
 Journal J. Funct. Anal.209 (2004) 1-15.
- Author T. DOMINGUEZ BENAVIDES.
 Title *Geometric properties of Banach spaces and metric fixed point theory.*
 Journal Extracta Mathematica 17 (3), (2002), 331-349.
- Authors T. DOMINGUEZ BENAVIDES; MARIA. A. JAPON PINEDA
 Title *Fixed points of nonexpansive mappings in spaces of continuous functions.*
 Journal Proc. Amer. Math. Soc. 133 (2005), 3037-3046.
- Authors T. DOMINGUEZ BENAVIDES; P. LORENZO RAMÍREZ
 Title *Fixed point theorems for multivalued nonexpansive mappings satisfying inwardness conditions.*
 Journal J. Math. Anal. Appl.291 (2004), 100-108.
- Authors T. DOMINGUEZ BENAVIDES; B. GAVIRA AGUILAR
 Title *An infinite dimensional universal modulus for normed spaces and applications.*
 Journal Nonlinear Anal. 58 (2004), 379-394.
- Authors T. DOMINGUEZ BENAVIDES; B. GAVIRA AGUILAR
 Title *A universal infinite-dimensional modulus with applications in Fixed Point Theory.*
 Book Proceedings of the International Conference on Fixed Point Theory and Applications. 27-40. Yokohama Publishers: 2004.
- Authors T. DOMINGUEZ BENAVIDES; MARIA. A. JAPON PINEDA
 Title *Nonexpansive mappings in spaces of continuous functions.*
 Journal Extracta Math. 19 (1) (2004),1-20.
- Authors T. DOMINGUEZ BENAVIDES; MARIA. A. JAPON PINEDA
 Title *Stability of the fixed point property in M -abstract Banach spaces.*
 Book Proceedings of the International Conference on Fixed Point Theory and Applications. 41-52.
 Publisher Yokohama Publishers: 2004.
- Authors T. DOMINGUEZ BENAVIDES; P. LORENZO RAMÍREZ
 Title *Asymptotic centers and fixed points for multivalued nonexpansive mappings.*
 Journal Ann. Univ. Marie Curie. Sect.A, vol. LVIII (2004), 37-45.
- Authors S. DHOMPONGSA, T. DOMÍNGUEZ BENAVIDES, A. KAEWCHAROEN, A. KAEWKHAO, B. PANYANAK.
 Title *The Jordan-von Neumann Constant and fixed points for multivalued nonexpansive mappings.*

- Journal J. Math. Anal. Appl. 320 (2006), 916-927.
- Authors S. DHOMPONGSA, T. DOMÍNGUEZ BENAVIDES, A. KAEWCHAROEN, B. PANYANAK.
- Title *Fixed point theorems for multivalued nonexpansive mappings in modular function spaces.*
- Journal Scientiae Mathematicae Japonicae 63(2) (2006), 161-169.
- Authors T. DOMINGUEZ BENAVIDES; B. GAVIRA AGUILAR
- Title *The τ -fixed point property for multivalued nonexpansive mappings and its permanence under renorming.*
- Book Proceedings of the Seventh International Conference on Fixed Point Theory and Applications. Pages 73-87.
- Publisher Yokohama Publishers: Aoba-ku (2006).
- Authors T. DOMINGUEZ BENAVIDES; B. GAVIRA AGUILAR
- Title *The fixed point property for multivalued non-expansive mappings.*
- Journal J. Math. Anal. Appl. 328(2007), 1471-1483.
- Authors T. DOMINGUEZ BENAVIDES; S. PHOTHI
- Title *Porosity of the Fixed Point Property under renorming.*
- Book Proceedings of the Eighth International Conference on Fixed Point Theory and Applications
- Publisher Yokohama Publishers. Aoba-ku, Yokohama 2008.
- Authors T. DOMINGUEZ BENAVIDES
- Title *A renorming of some nonseparable Banach spaces with the fixed point property.*
- Journal J. Math. Anal. Appl. 350(2)(2009), 525-530.
- Authors T. DOMINGUEZ BENAVIDES; S. PHOTHI
- Title *Genericity of the Fixed Point Property for reflexive spaces under.*
- Book Nonlinear analysis and optimization I. Nonlinear analysis, 143-155, Contemp. Math., 513.
- Publisher Amer. Math. Soc., Providence, RI, 2010.
- Authors T. DOMINGUEZ BENAVIDES; J. GARCÍA FALSET; E. LLORENS-FUSTER; P. LORENZO RAMÍREZ
- Title *Fixed point Properties and Proximality in Banach Spaces.*
- Journal Nonlinear Anal. 71 (5-6) (2009), 1562-1571.
- Authors T. DOMINGUEZ BENAVIDES; S. PHOTHI
- Title *The fixed point property under renorming in some classes of Banach spaces.*
- Journal Nonlinear Anal. 72 (3-4), (2010) 1409-1416.
- Authors T. DOMINGUEZ BENAVIDES; S. PHOTHI

- Title *Genericity of the fixed point property under renorming in some classes of Banach spaces.*
- Book Proceedings of the Ninth International Conference on Fixed Point Theory and Applications, pag. 55-70.
- Publisher Yokohama Publishers. Aoba-ku, Yokohama 2010.
- Authors T. DOMINGUEZ BENAVIDES
- Title *The Szlenk index and the fixed point property under renorming.*
- Journal Fixed Point Theory and Appl. (2010), Article ID 268270.
- Authors T. DOMINGUEZ BENAVIDES; B. GAVIRA
- Title *Does Kirk's Theorem holds for multivalued non-expansive mappings?*
- Journal Fixed Point Theory and Appl. (2010), Article ID 546761.
- Authors T. DOMÍNGUEZ BENAVIDES, M. A. KHAMSI
- Title *Impact of Kirk's results on the development of fixed point theory.*
- Journal Fixed Point Theory Appl. (2010), Article ID 821961.
- Authors T. DOMINGUEZ BENAVIDES
- Title *The failure of the fixed Point Property for unbounded sets of c_0 .*
- Journal Proc. Amer. Math. Soc. 140 (2012), 645-650.
- Authors T. DOMINGUEZ BENAVIDES; I. GATICA; P. LORENZO
- Title *Some generalizations of Kannan's fixed point theorem in K -metric spaces.*
- Journal Fixed Point Theory 13 (2012), NO. 1,1-2,73-84.
- Author T. DOMINGUEZ BENAVIDES
- Title *Distortion and stability of the fixed point property for non-expansive mappings.*
- Journal Nonlinear Anal.75 (2012), 3229-3234.
- Author T. DOMINGUEZ BENAVIDES
- Title *Some questions in metric fixed point theory, by A.W. Kirk, revisited.*
- Journal Arab J Math DOI 10.1007/s40065-012-0038-x (2012).
- Authors T. DOMINGUEZ BENAVIDES; S. PHOTHI
- Title *Some renormings with the stable fixed point property.*
- Journal Fixed Point Theory Fixed Point Theory, No. 1,14(2013), 59-66 .
- Authors T. DOMINGUEZ BENAVIDES; P. LORENZO
- Title *A further generalization of nonexpansivity.*
- Journal J. Nonlinear Convex Anal. 15 No. 2 (2013) 299-311
- Author T. DOMINGUEZ BENAVIDES
- Title *Looking for a renorming with the stable-FPP.*

- Book Proceedings of the Tenth International Conference on Fixed Point Theory and Applications 127-130.
 Publisher House of the Book of Science, Cluj-Napoca Romania, 2013
- Authors T. DOMINGUEZ BENAVIDES; B. MEDINA PÉREZ
 Title *Generalized nonexpansive mappings on unbounded sets.*
 Journal J. Nonlinear Convex Anal. 16 No.2 (2015) 289-297.
- Authors A. BETIUK-PILARSKA; T. DOMINGUEZ BENAVIDES
 Title *The Fixed Point Property for some generalized non-expansive mappings and renormings.*
 Journal J.Math. Anal. Appl. 429, No. 2, (2015) 800-813.
- Authors J. APPELL; T. DOMINGUEZ BENAVIDES
 Title *Nonlinear Hammerstein Equations and Functions of Bounded Riesz-Medvedev Variation.*
 Journal Topol. Methods Nonlinear Anal. 47, No. 1 (2016) 319-332, DOI: 10.12775/TMNA.2016.008
- Authors T. DOMINGUEZ BENAVIDES
 Title *On the failure of the Fixed Point Property for some unbounded subsets of ℓ_1*
 Journal J. Nonlinear Convex Anal. 17 (7) (2016), 1249-1257.
- Authors A. BETIUK-PILARSKA; T. DOMINGUEZ BENAVIDES
 Title *Fixed points for nonexpansive mappings and generalized nonexpansive mappings on Banach lattices.*
 Journal Pure and Applied Functional Analysis, 1 (3) (2016), 343-359.
- Authors T. DOMINGUEZ BENAVIDES; M. A. JAPÓN PINEDA
 Title *Compactness and the fixed point property in ℓ_1 .*
 Journal J. Math. Anal. Appl. 444(1), 69-79 (2016).
- Authors T. DOMINGUEZ BENAVIDES; M. A. JAPÓN PINEDA
 Title *A fixed-point characterization of weak compactness in Banach spaces with unconditional Schauder basis.*
 Journal J. Math. Anal. Appl. 454 (2017), no. 1, 246-264.8
- Authors T. DOMINGUEZ BENAVIDES
 Title *Irregular convex sets with fixed-point property for asymptotically regular mappings in ℓ_1 .*
 Journal J. Nonlinear Convex Anal. 18 no.2, 173-184 (2017).
- Authors T. DOMINGUEZ BENAVIDES; P. L. PAPINI
 Title *Simple problems on maximal and minimal convex sets, trivial or nontrivial solutions?*
 Journal J. Nonlinear Convex Anal. 18, no.1, 113-122 (2017).

- Authors A. BETIUK-PILARSKA; T. DOMINGUEZ BENAVIDES; P. LORENZO
 Title *Fixed points for Suzuki type mappings by means of "ultra"-techniques.*
 Journal J. Nonlinear Convex Anal. 18, no. 10, (2017) 1753-1770
- Authors T. DOMINGUEZ BENAVIDES; E. LLORENS-FUSTER
 Title *Iterated nonexpansive mappings.*
 Journal J. Fixed Point Theory Appl. 20 (2018), no. 3, 20:104
- Authors T. DOMINGUEZ BENAVIDES; M. A. JAPÓN
 Title *Komlós' Theorem and the Fixed Point Property for affine mappings.*
 Journal Proc. Amer. Math. Soc. 146 (2018), no. 12, 5311-5322
- Authors T. DOMINGUEZ BENAVIDES; M. A. JAPÓN; J. A. VILLADA BEDOYA
 Title *The almost fixed point property for weak-star closed sets*
 Journal Israel J. Math. 230 (2019), no. 2, 509-526 DOI: 10.1007/s11856-018-1810-1
- Authors A. BETIUK; T. DOMINGUEZ BENAVIDES; M. JAPÓN
 Title *Existence of fixed points in a class of convex sets.*
 Journal Zeitschrift für Analysis und ihre Anwendungen; Volume 38, Issue 3, (2019), 351-374.
 DOI: 10.4171/ZAA/1641
- Authors T. DOMINGUEZ BENAVIDES; P. LORENZO RAMIREZ; M. RAHIMI; A. SADEGHI HAFSHEJANI
 Title *Multivalued iterated contractions.*
 Journal Fixed Point Theory (Romania) (in press)
- Authors T. DOMINGUEZ BENAVIDES; M. JAPÓN; A. SADEGHI HAFSHEJANI
 Title *Fixed point theorems for asymptotically regular mappings in modular and metric spaces.*
 Journal Journal of Fixed Point Theory (in press)