



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



MANUEL CAMPOS GARCIA

Datos Generales

Nombre: MANUEL CAMPOS GARCIA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 29 años

Nombramientos

Vigente: INVESTIGADOR TITULAR A TC Definitivo
Instituto de Ciencias Aplicadas y Tecnología
Desde 01-09-2024

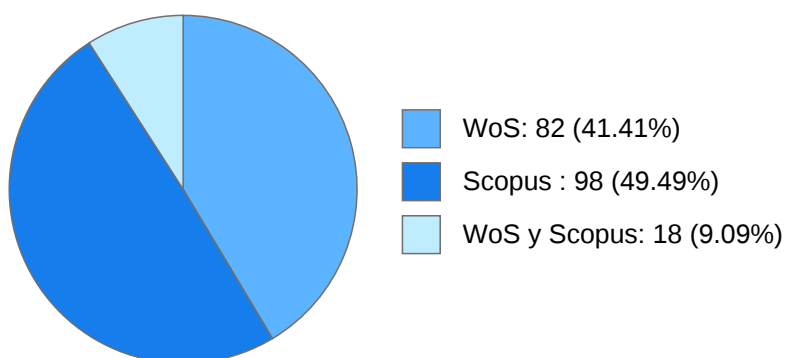
Estímulos, programas, premios y reconocimientos

SNI II 2024 - VIGENTE
SNI I 2009 - 2023
SNI C 2008
PRIDE C - 2024

MANUEL CAMPOS GARCIA

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Improvement in the implementation of a null test to evaluate a parabolic trough solar collector using an off-axis configuration	OLIVER HUERTA CARRANZA MANUEL CAMPOS GARCIA MAXIMINO AVENDAÑO ALEJO et al.	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	2025
2	Use of an optical profilometer to measure the aerodynamic shape and the twist of a wind turbine blade	VICTOR IVAN MORENO OLIVA MANUEL CAMPOS GARCIA Torres-Moreno E. et al.	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	2024
3	Qualitative evaluation of a parabolic mirror with substructured Ronchi gratings	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE VICTOR IVAN MORENO OLIVA et al.	REVISTA MEXICANA DE FISICA	2024
4	Corneal topography using a smartphone-based corneal topographer considering a biconical model for the corneal surface	MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA VICTOR IVAN MORENO OLIVA et al.	Optics Continuum	2024
5	Development of a long cone corneal topographer to evaluate corneas without symmetry of revolution	MANUEL CAMPOS GARCIA Valles M.M. Liévanos A.A.R. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2024

MANUEL CAMPOS GARCIA

6	Null screen based corneal topography using a smartphone	MANUEL CAMPOS GARCIA Rojas-Lievanos A.A. Montes-Valles M. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2024
7	Design of a planar off-axis null-screen for characterization of a concave surface used in a seismic isolation device	MANUEL CAMPOS GARCIA FRANCISCO JAVIER BAUTISTA CLEMENTE LUIS ANGEL PANTOJA ARREDONDO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2024
8	Effect of the skew ray error on corneal topography using a cone topographer	OLIVER HUERTA CARRANZA MANUEL CAMPOS GARCIA LUIS ANGEL PANTOJA ARREDONDO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2024
9	Evaluation of the aspherical surface of a plano-convex lens by refraction using an LCD	OLIVER HUERTA CARRANZA MANUEL CAMPOS GARCIA MAXIMINO AVENDAÑO ALEJO et al.	REVIEW OF SCIENTIFIC INSTRUMENTS	2024
10	Null projection screen test for aerodynamic surfaces on wind turbine blades	GABRIEL CASTILLO SANTIAGO VICTOR IVAN MORENO OLIVA MANUEL CAMPOS GARCIA et al.	APPLIED OPTICS	2024
11	Iterative method to retrieve the propagated wavefront using a Shack-Hartmann sensor	OLIVER HUERTA CARRANZA JESUS ALBERTO DEL OLMO MARQUEZ MANUEL CAMPOS GARCIA et al.	OPTICAL ENGINEERING	2023
12	Conical null-screen design for evaluating fast free-form convex surfaces	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE Bautista-Clemente F.J. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2023

MANUEL CAMPOS GARCIA

13	Simple method for evaluating plano-convex aspherical lenses	OLIVER HUERTA CARRANZA MANUEL CAMPOS GARCIA ANA CECILIA DEL ROSARIO RODRIGUEZ LUNA et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2023
14	Conical null-screen design for evaluating a biconical surface using a smartphone-based corneal topographer	MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA LUIS ANGEL PANTOJA ARREDONDO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2022
15	Improved quantitative testing of a non-symmetric convex surface using a conical null-screen	MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA DANIEL AGUIRRE AGUIRRE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2022
16	3D reconstruction of aerodynamic airfoils using computer stereo vision	GABRIEL CASTILLO SANTIAGO MANUEL CAMPOS GARCIA MAXIMINO AVENDAÑO ALEJO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2022
17	Smartphone-based corneal topography with null-screens	OLIVER HUERTA CARRANZA MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE et al.	APPLIED OPTICS	2022
18	Aberration patterns in the optical testing surfaces using transport of intensity equation	MANUEL CAMPOS GARCIA CELESTINO VARGAS ALFREDO A. E. Martinez-Rodriguez et al.	REVISTA MEXICANA DE FISICA	2022
19	Measurements of corneal topography using a compact null-screen corneal topographer with a mobile device	MANUEL CAMPOS GARCIA LUIS ANGEL PANTOJA ARREDONDO DANIEL AGUIRRE AGUIRRE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2021

MANUEL CAMPOS GARCIA

20	Improvements in the evaluation of parabolic trough solar collector using a dynamic flat null-screen	OLIVER HUERTA CARRANZA MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2021
21	Analysis of the frame rate limit for the estimation of the vibration measurements in a mechanical system using optical techniques	VICTOR IVAN MORENO OLIVA MANUEL CAMPOS GARCIA Desales-Dominguez J.A. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2021
22	Measurement of a highly freeform surface using a cylindrical null-screen	OLIVER HUERTA CARRANZA MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2021
23	Measurement and correction of misalignments in corneal topography using the null-screen method	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE OLIVER HUERTA CARRANZA et al.	OPTICS CONTINUUM	2021
24	Vibration Measurement Using Laser Triangulation for Applications in Wind Turbine Blades	VICTOR IVAN MORENO OLIVA MANUEL CAMPOS GARCIA QUETZALCOATL CRUZ HERNANDEZ ESCOBEDO et al.	Symmetry-Bas el	2021
25	Design of a compact corneal topographer to characterize the shape of the cornea	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE ANDRES PEÑA CONZUELO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2021
26	Analysis of the systematic and random errors in the conical corneal Null-Screen Topographer	ANDRES PEÑA CONZUELO MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2021

MANUEL CAMPOS GARCIA

27	Modeling the conical corneal null-screen topographer with the Fermat principle	ANDRES PEÑA CONZUELO MANUEL CAMPOS GARCIA	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2021
28	Null-screen design for highly freeform surface testing	DANIEL AGUIRRE AGUIRRE JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA et al.	OPTICS EXPRESS	2020
29	Testing the surface quality of a reflective parabolic trough solar collector with two flat null-screens	MANUEL CAMPOS GARCIA ANDRES PEÑA CONZUELO OLIVER HUERTA CARRANZA et al.	APPLIED OPTICS	2019
30	Evaluating the anterior corneal surface using an improved null-screen system	MANUEL CAMPOS GARCIA VICTOR DE EMANUEL ARMENGOL CRUZ ARTURO IOAN OSORIO INFANTE	OPTICS CONTINUUM	2019
31	Precision Glass Molded Lenses Analysis via Null-Screen Test	DANIEL AGUIRRE AGUIRRE JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2019
32	Calculation of intensity distribution from a wavefront using ray-counting method	MANUEL CAMPOS GARCIA Martínez-Rodríguez Á.E. Granados-Agustín F.S.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2019
33	Evaluation of the aberrations of a PDMS lens	MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA CELESTINO VARGAS ALFREDO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2019
34	Design of a null-screen for a compact corneal topographer	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE ANDRES PEÑA CONZUELO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2019

MANUEL CAMPOS GARCIA

35	Measurement of quality test of aerodynamic profiles in wind turbine blades using laser triangulation technique	MAXIMINO AVENDAÑO ALEJO MANUEL CAMPOS GARCIA Moreno-Oliva V.I. et al.	Energy Science & Engineering	2019
36	Detection and compensation of systematic errors in a null-screen corneal topographer with artificial intelligence	ANDRES PEÑA CONZUELO MANUEL CAMPOS GARCIA	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2019
37	Obtaining the topography of human corneas with the null-screen testing method	MANUEL CAMPOS GARCIA VICTOR DE EMANUEL ARMENGOL CRUZ DANIEL AGUIRRE AGUIRRE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2018
38	Dynamic null-screens: a proposal for characterizing the PTSC with adaptive patterns	MANUEL CAMPOS GARCIA ANDRES PEÑA CONZUELO JOSE RUFINO DIAZ URIBE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2018
39	General equations for the null-screen test for aspherical surfaces with deformation coefficients	DANIEL AGUIRRE AGUIRRE MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE et al.	APPLIED OPTICS	2018
40	Fast conical surfaces evaluation with null-screens and randomized algorithms	JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA et al.	APPLIED OPTICS	2017
41	Deflectometry using a Hartmann screen to measure tilt, decentering and focus errors in a spherical surface	FERMIN SALOMON GRANADOS AGUSTIN MANUEL CAMPOS GARCIA Muñoz-Potosi, A.F. et al.	OPTICS COMMUNICATIO NS	2017
42	Evaluation of the shape of a parabolic trough solar collector with flat null-screens	MANUEL CAMPOS GARCIA ANDRES PEÑA CONZUELO JOSE RUFINO DIAZ URIBE	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2017

MANUEL CAMPOS GARCIA

43	Improvement of the method of optical testing of fast aspherical surfaces with null-screens	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE VICTOR DE EMANUEL ARMENGOL CRUZ	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2017
44	Evaluation of a human corneal surface with the null-screen method	VICTOR DE EMANUEL ARMENGOL CRUZ MANUEL CAMPOS GARCIA CESAR COSSIO GUERRERO	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2017
45	Characterization of a conical null-screen corneal topographer	ARTURO IOAN OSORIO INFANTE MANUEL CAMPOS GARCIA CESAR COSSIO GUERRERO	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2017
46	Condenser Lens Evaluation Using the Null-Screens Test	DANIEL AGUIRRE AGUIRRE JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA et al.	Optics InfoBase Conference Papers	2017
47	Sensitivity analysis in the test of a parabolic trough solar collector (PTSC) with flat null-screens	MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA JOSE RUFINO DIAZ URIBE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2016
48	Centroids evaluation of the images obtained with the conical nullscreen corneal topographer	ARTURO IOAN OSORIO INFANTE MANUEL CAMPOS GARCIA JORGE ALBERTO MARQUEZ FLORES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2016

MANUEL CAMPOS GARCIA

49	Accuracy and sensitivity analysis of the conical null-screen based corneal topographer	CESAR COSSIO GUERRERO MANUEL CAMPOS GARCIA	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2016
50	Corneal topography with conical null-screen for non-symmetric aspheric corneas	VICTOR DE EMANUEL ARMENGOL CRUZ ARTURO IOAN OSORIO INFANTE MANUEL CAMPOS GARCIA et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2016
51	Surface shape evaluation with a corneal topographer based on a conical null-screen with a novel radial point distribution	MANUEL CAMPOS GARCIA Cesar CossioGuerrero OLIVER HUERTA CARRANZA et al.	APPLIED OPTICS	2015
52	Experimental setup proposed to measure the quality of a spherical surface using deflectometry and a Hartmann screen	JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA Muñoz-Potosí A. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2015
53	Advances in corneal topography measurements with conical null-screens	MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA Cossio-Guerrero C. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2015
54	Analysis of defects on the slopes on a parabolic trough solar collector with null-screens	MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA JOSE RUFINO DIAZ URIBE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2015
55	Design of a single flat null-screen for testing a parabolic trough solar collector	MANUEL CAMPOS GARCIA Moreno-Oliva, Víctor Ivan Roman-Hernandez, Edwin et al.	OPTICAL ENGINEERING	2014
56	Substructured Ronchi gratings from the linear combination of classical gratings	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE Villalobos-Mendoza, Brenda et al.	OPTICAL ENGINEERING	2014

MANUEL CAMPOS GARCIA

57	Sagittal and meridional radii of curvature for a surface with symmetry of revolution by using a null-screen testing method	Amilcar Estrada Molina MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE	APPLIED OPTICS	2013
58	Simulating the functioning of variable focus length liquid-filled lenses using the finite element method (FEM)	MANUEL CAMPOS GARCIA Santiago-Alvarado, A. Gonzalez-Garcia, J. et al.	Optik	2013
59	Accuracy of the optical testing of a fast aspheric concave surface through null-screens	MANUEL CAMPOS GARCIA MAXIMINO AVENDAÑO ALEJO Granados-Agustín F. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2013
60	New method for sub-structured Ronchi rulings generation and his irradiance profile	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE Granados-Agustín F.S. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2013
61	Numerical evaluation of the intensity transport equation for wellknown wavefronts and intensity distributions	MANUEL CAMPOS GARCIA MAXIMINO AVENDAÑO ALEJO Granados-Agustín F. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2013
62	Null Ronchi-Hartmann test for an aspheric concave mirror	MAXIMINO AVENDAÑO ALEJO MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2013
63	Ronchi test with equivalent wavelength	MANUEL CAMPOS GARCIA Garcia-Arellano, Anmi Granados-Agustin, Fermin et al.	APPLIED OPTICS	2012
64	Improving fast aspheric convex surface tests with dynamic null screens using LCDs	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE Ivan Moreno-Oliva, Victor et al.	APPLIED OPTICS	2011

MANUEL CAMPOS GARCIA

65	Evaluation of the increment of the sampling in optical testing using substructured Ronchi gratings	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE Granados-Agustín F.S. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2011
66	Comparison between liquid and solid tunable focus lenses	MANUEL CAMPOS GARCIA Santiago-Alvarado A. Vazquez-Montiel S. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2011
67	Ronchigram analysis based on effective wavelength techniques and wavefront slope	MANUEL CAMPOS GARCIA DANIEL AGUIRRE AGUIRRE Granados-Agustín F.S. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2011
68	Optomechanical design, analysis, and simulation of tunable liquid-filled lenses	MANUEL CAMPOS GARCIA Santiago-Alvarado A. González-García J. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2011
69	New null screen design for corneal topography	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE Estrada-Molina A.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2011
70	Improving the quantitative testing of fast aspherics surfaces with null screen using Dijkstra algorithm	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE Moreno Oliva V.I. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2011
71	Optical testing of the surface quality of a variable focal length lens with null-screens	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE Santiago-Alvarado A. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2011

MANUEL CAMPOS GARCIA

72	Analysis of opto-mechanical performance of a tunable liquid lens	MANUEL CAMPOS GARCIA Santiago-Alvarado A. Vázquez-Montiel S. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2010
73	Measurement of aberrations of a solid elastic lens using a point-diffraction interferometer	MANUEL CAMPOS GARCIA Santiago-Alvarado, Agustin Vazquez-Montiel, Sergio et al.	OPTICAL ENGINEERING	2010
74	Quantitative evaluation of an off-axis parabolic mirror by using a tilted null screen	MAXIMINO AVENDAÑO ALEJO VICTOR IVAN MORENO OLIVA MANUEL CAMPOS GARCIA et al.	APPLIED OPTICS	2009
75	Interferometric Ronchi test by using substructured gratings	MANUEL CAMPOS GARCIA Granados-Agustín F.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2009
76	Optical testing of a parabolic trough solar collector by a null screen with stitching	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE MAXIMINO AVENDAÑO ALEJO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2009
77	The geometrical optics PSF with third order aberrations	JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA	AIP Conference Proceedings	2008
78	Two-dimensional point shifting for improving the quantitative testing with null screens	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE Moreno-Oliva V.I.	AIP Conference Proceedings	2008
79	Quantitative shape evaluation of fast aspherics with null screens by fitting two local second degree polynomials to the surface normals	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE	AIP Conference Proceedings	2008
80	Point shifting in the optical testing of fast aspheric concave surfaces by a cylindrical screen	VICTOR IVAN MORENO OLIVA MANUEL CAMPOS GARCIA R. Bolado Gomez et al.	APPLIED OPTICS	2008
81	Testing fast aspheric concave surfaces with a cylindrical null screen	MANUEL CAMPOS GARCIA R. Bolado Gomez JOSE RUFINO DIAZ URIBE	APPLIED OPTICS	2008

MANUEL CAMPOS GARCIA

82	Improving the quantitative testing of fast aspherics with two-dimensional point shifting by only rotating a cylindrical null screen	VICTOR IVAN MORENO OLIVA MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE	J OPT A-PURE APPL OP	2008
83	Dynamic null screens for testing fast aspheric convex surfaces with LCD's	MANUEL CAMPOS GARCIA MAXIMINO AVENDAÑO ALEJO JOSE RUFINO DIAZ URIBE et al.	17th Symposium On Photonic Measurements 2008, 18th Imeko Tc 2 Symposium On Photonics In Measurements 2008	2008
84	Medium precision geometrical test for very fast aspheres	JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA	Optics InfoBase Conference Papers	2006
85	Tilted null screens with drop shaped spots: Radial and square arrays	MAXIMINO AVENDAÑO ALEJO MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE	Optics InfoBase Conference Papers	2006
86	Medium precision optical testing of a fast concave elliptical mirror by a cylindrical null screen	JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA MAXIMINO AVENDAÑO ALEJO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2006
87	Irradiance transport equation from geometrical optics considerations	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE	REVISTA MEXICANA DE FISICA	2006
88	Error analysis in the test of fast aspheric convex surfaces with a linear array of sources	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005

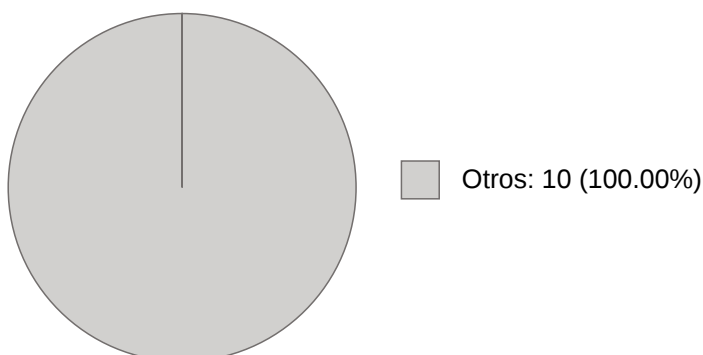
MANUEL CAMPOS GARCIA

89	Testing a fast off-axis parabolic mirror using tilted null-screens	MAXIMINO AVENDAÑO ALEJO MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005
90	Testing fast aspheric convex surfaces with a linear array of sources	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE Granados-Agustín F.	APPLIED OPTICS	2004
91	Testing the optics of the Large Millimeter Telescope (LMT)	JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA Granados-Agustín F.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2002
92	Null test of aspheric convex surfaces	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE Granados-Agustin F. et al.	VDI-Berichte	2002
93	Accuracy analysis in laser keratopography	MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE	APPLIED OPTICS	2002
94	Null-screen testing of fast convex aspheric surfaces	JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA	APPLIED OPTICS	2000
95	Resolution and error in measuring land-cover change: Effects on estimating net carbon release from Mexican terrestrial ecosystems	MANUEL CAMPOS GARCIA Riley R.H. Phillips D.L. et al.	INTERNATIONAL JOURNAL OF REMOTE SENSING	1997
96	Tm digital processing of a tropical forest region in Southeastern Mexico	MANUEL CAMPOS GARCIA ROMAN ALVAREZ BEJAR	INTERNATIONAL JOURNAL OF REMOTE SENSING	1994
97	Rates of deforestation in Los Tuxtlas, a Neotropical area in southeast Mexico	MANUEL CAMPOS GARCIA Dirzo R.	Conservation Biology	1992
98	Isolation of sulphate transport defective mutants of Candida utilis: Further evidence for a common transport system for sulphate, sulphite and thiosulphate	MANUEL CAMPOS GARCIA Benítez J. Delgado J. et al.	FOLIA MICROBIOLOGIC A	1983

MANUEL CAMPOS GARCIA

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Dynamic Null-Screen Test	DULCE MARIA GONZALEZ UTRERA JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA et al.	Conferenc e Paper	2023	9781957171296
2	Biconvex Lens Fabrication Using a 3D Printer	DANIEL AGUIRRE AGUIRRE DULCE MARIA GONZALEZ UTRERA MANUEL CAMPOS GARCIA et al.	Conferenc e Paper	2022	9781557528209
3	Study of the Correlation Behavior in the Null-Screen Test	DANIEL AGUIRRE AGUIRRE DULCE MARIA GONZALEZ UTRERA MANUEL CAMPOS GARCIA et al.	Conferenc e Paper	2022	9781557528209
4	Null-Screen design for freeform surface testing	DANIEL AGUIRRE AGUIRRE JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA et al.	Conferenc e Paper	2019	9781943580606
5	Condenser lens evaluation using the null-screens test	DANIEL AGUIRRE AGUIRRE JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA et al.	Conferenc e Paper	2017	9781557528209
6	Optical testing of solar concentrators with null screens	JOSE RUFINO DIAZ URIBE MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA	Conferenc e Paper	2014	9781557528254

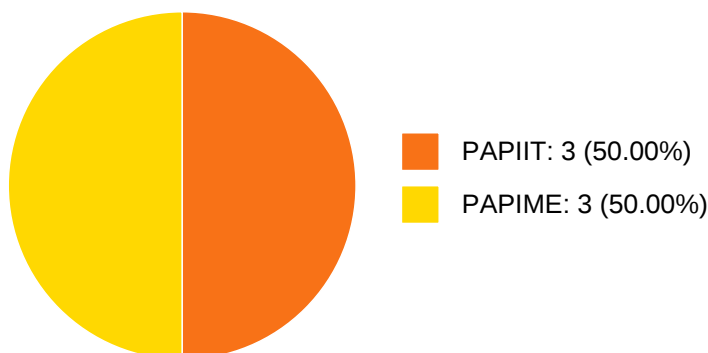
MANUEL CAMPOS GARCIA

7	Characterizing a conical null-screen by using a reference spherical surface	MANUEL CAMPOS GARCIA OLIVER HUERTA CARRANZA Guerrero C.C. et al.	Conferenc e Paper	2014	9781557528254
8	Design of a null-screen for characterizing a parabolic trough solar concentrator	MANUEL CAMPOS GARCIA Moreno-Oliva V.I. Román-Hernández E. et al.	Conferenc e Paper	2014	9781557528254
9	Elevation Maps with and without Defocus Correction by Using Null Screen Testing: A Potential Application for Corneal Topography	DANIELA ALEJANDRA ESTRADA MOLINA MANUEL CAMPOS GARCIA JOSE RUFINO DIAZ URIBE	Conferenc e Paper	2012	9781557528209
10	Optical testing of a hyperbolic concave surface by a cylindrical null screen	MANUEL CAMPOS GARCIA MAXIMINO AVENDAÑO ALEJO JOSE RUFINO DIAZ URIBE et al.	Conferenc e Paper	2008	9781615670413

MANUEL CAMPOS GARCIA

PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

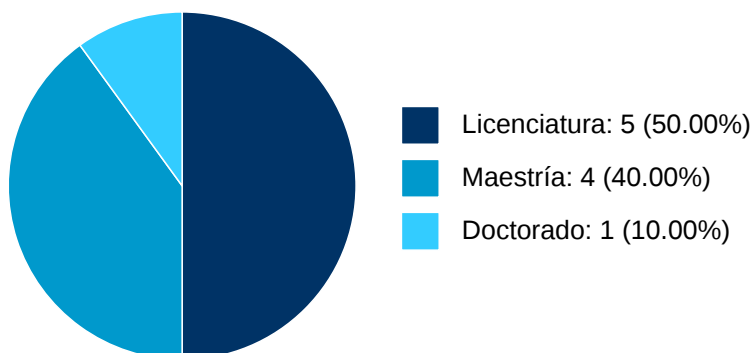


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Optica: Notas de curso y otras herramientas de aprendizaje	MANUEL CAMPOS GARCIA	Recursos PAPIME	01-01-2018	31-12-2018
2	Topografía Corneal basada en pantallas nulas: desarrollo y caracterización de prototipos.	MANUEL CAMPOS GARCIA	Recursos PAPIIT	01-01-2019	31-12-2020
3	Herramientas adicionales de notas sobre el curso de óptica	MANUEL CAMPOS GARCIA	Recursos PAPIME	01-01-2019	31-12-2019
4	Herramientas didácticas para la enseñanza de la óptica	MANUEL CAMPOS GARCIA	Recursos PAPIME	01-01-2020	31-12-2020
5	Topografía corneal basada en pantallas nulas: Desarrollo y caracterización de prototipos PARTE II.	MANUEL CAMPOS GARCIA	Recursos PAPIIT	01-01-2021	31-12-2022
6	Evaluación de superficies esféricas y de forma libre rápidas con y sin simetría de revolución mediante deflectometría óptica	MANUEL CAMPOS GARCIA	Recursos PAPIIT	01-01-2023	31-12-2024

MANUEL CAMPOS GARCIA

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Prueba de superficies convexas rápidas sin simetría de revolución con pantallas nulas	Tesis de Doctorado	MANUEL CAMPOS GARCIA,	MARTHA ROSETE AGUILAR, HECTOR CRUZ RAMIREZ, et al.	Facultad de Ciencias, Instituto de Ciencias Aplicadas y Tecnología, Instituto de Ciencias Nucleares,	2024
2	Evaluación de las aberraciones del sistema óptico de un modelo de ojo	Tesis de Licenciatura	MANUEL CAMPOS GARCIA,	Hernández Guerrero, Ana Elizabeth,	Instituto de Ciencias Aplicadas y Tecnología,	2024
3	Desarrollo de prototipo de ventilador pulmonar no invasivo con sistemas de monitoreo y control, local y remoto, para el tratamiento de enfermedades respiratorias	Tesis de Maestría	GERTRUDIS HORTENSIA GONZALEZ GOMEZ,	ARTURO ALEJANDRO MENCHACA ROCHA, JUAN CARLOS NUÑEZ ENRIQUEZ, et al.	Facultad de Ciencias, Instituto de Ciencias Aplicadas y Tecnología, Instituto de Física,	2023

MANUEL CAMPOS GARCIA

4	Desarrollo y caracterización de un topógrafo corneal cónico compacto	Tesis de Licenciatura	MANUEL CAMPOS GARCIA,	Pantoja Arredondo, Luis Ángel,	Instituto de Ciencias Aplicadas y Tecnología,	2023
5	Optimización de algoritmos para la evaluación y representación de las superficies cóncavas de forma libre	Tesis de Licenciatura	MANUEL CAMPOS GARCIA,	Bautista Clemente, Francisco Javier,	Facultad de Ciencias, Instituto de Ciencias Aplicadas y Tecnología,	2021
6	Evaluación de superficies esféricas plano convexas mediante interferometría de cambio de fase	Tesis de Maestría	MANUEL CAMPOS GARCIA,	OLEG KOLOKOLTSE V, GABRIELA MURGUIA ROMERO, et al.	Facultad de Ciencias, Instituto de Ciencias Aplicadas y Tecnología,	2019
7	Evaluación de superficies esféricas con simetría de revolución y córneas humanas con un topógrafo corneal basado en el método de pantallas nulas	Tesis de Maestría	MANUEL CAMPOS GARCIA,	MARCO ANTONIO RAMIREZ ORTIZ, Armengol Cruz, Víctor de Emanuel,	Centro de Ciencias Aplicadas y Desarrollo Tecnológico, Facultad de Ciencias, Facultad de Medicina,	2018
8	Desarrollo y caracterización de un topógrafo corneal cónico basado en el método de pantallas nulas	Tesis de Maestría	MANUEL CAMPOS GARCIA,	Osorio Infante, Arturo Ioan,	Centro de Ciencias Aplicadas y Desarrollo Tecnológico, Facultad de Ciencias,	2018
9	Caracterización de concentradores solares parabólicos de canal mediante pantallas nulas	Tesis de Licenciatura	MANUEL CAMPOS GARCIA,	Peña Conzuelo, Andrés,	Centro de Ciencias Aplicadas y Desarrollo Tecnológico, Facultad de Ciencias,	2017



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



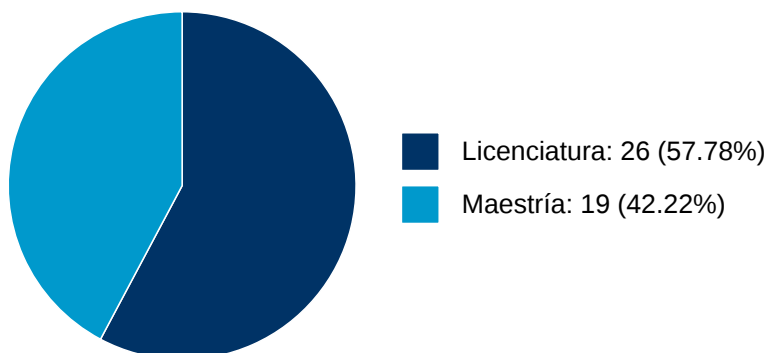
MANUEL CAMPOS GARCIA

10	Evaluación de la topografía corneal con pantallas nulas cónicas	Tesis de Licenciatura	MANUEL CAMPOS GARCIA,	Cossío Guerrero, César,	Centro de Ciencias Aplicadas y Desarrollo Tecnológico, Facultad de Ciencias,	2016
----	---	-----------------------	-----------------------	-------------------------	--	------

MANUEL CAMPOS GARCIA

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	OPTICA	Facultad de Ciencias	19	2024-2
2	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Aplicadas y Tecnología	2	2024-2
3	Licenciatura	ELECTROMAGNETISMO II	Facultad de Ciencias	9	2024-1
4	Maestría	TEMAS SELECTOS ÓPTICA EN OFTALMOLOGÍA	Instituto de Ciencias Aplicadas y Tecnología	2	2024-1
5	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias Aplicadas y Tecnología	2	2024-1
6	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Aplicadas y Tecnología	1	2023-2
7	Licenciatura	OPTICA	Facultad de Ciencias	27	2023-2
8	Licenciatura	OPTICA	Facultad de Ciencias	15	2023-1
9	Maestría	LABORATORIO AVANZADO	Facultad de Ciencias	2	2023-1
10	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias Aplicadas y Tecnología	1	2023-1
11	Licenciatura	OPTICA	Facultad de Ciencias	48	2022-2
12	Maestría	ELECTRODINÁMICA CLÁSICA I	Instituto de Ciencias Aplicadas y Tecnología	1	2022-2
13	Maestría	ELECTRODINÁMICA CLÁSICA I	Instituto de Ciencias Aplicadas y Tecnología	2	2022-1
14	Licenciatura	OPTICA	Facultad de Ciencias	28	2022-1
15	Licenciatura	OPTICA	Facultad de Ciencias	21	2021-2

MANUEL CAMPOS GARCIA

16	Maestría	ELECTRODINÁMICA CLÁSICA I	Instituto de Ciencias Aplicadas y Tecnología	9	2021-2
17	Licenciatura	OPTICA	Facultad de Ciencias	36	2021-1
18	Maestría	ELECTRODINÁMICA CLÁSICA I	Instituto de Ciencias Aplicadas y Tecnología	3	2021-1
19	Licenciatura	OPTICA	Facultad de Ciencias	13	2020-2
20	Licenciatura	OPTICA	Facultad de Ciencias	35	2020-1
21	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Aplicadas y Tecnología	1	2020-1
22	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias Aplicadas y Tecnología	1	2019-2
23	Licenciatura	OPTICA	Facultad de Ciencias	24	2019-2
24	Licenciatura	OPTICA	Facultad de Ciencias	36	2019-1
25	Licenciatura	OPTICA	Facultad de Ciencias	32	2018-2
26	Licenciatura	OPTICA	Facultad de Ciencias	17	2018-1
27	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Aplicadas y Tecnología	1	2018-1
28	Licenciatura	OPTICA	Facultad de Ciencias	46	2017-2
29	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Aplicadas y Tecnología	3	2017-2
30	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias Aplicadas y Tecnología	1	2017-2
31	Licenciatura	OPTICA	Facultad de Ciencias	36	2017-1
32	Maestría	SEMINARIO DE INVESTIGACION I-394358	Instituto de Ciencias Aplicadas y Tecnología	2	2017-1
33	Maestría	SEMINARIO DE INVESTIGACION I-394268	Instituto de Ciencias Aplicadas y Tecnología	1	2017-1
34	Maestría	TEMAS SELECTOS	Instituto de Ciencias Aplicadas y Tecnología	2	2016-2
35	Licenciatura	OPTICA	Facultad de Ciencias	20	2016-2
36	Licenciatura	OPTICA	Facultad de Ciencias	1	2016-1
37	Licenciatura	OPTICA	Facultad de Ciencias	5	2015-2
38	Licenciatura	OPTICA	Facultad de Ciencias	4	2015-1
39	Maestría	TEMAS SELECTOS DE INSTRUMENTACION	Facultad de Ingeniería	1	2014-2
40	Licenciatura	OPTICA	Facultad de Ciencias	5	2014-2
41	Licenciatura	OPTICA	Facultad de Ciencias	13	2014-1
42	Licenciatura	OPTICA	Facultad de Ciencias	14	2013-2
43	Licenciatura	OPTICA	Facultad de Ciencias	11	2013-1
44	Licenciatura	OPTICA	Facultad de Ciencias	8	2012-2
45	Licenciatura	OPTICA	Facultad de Ciencias	15	2012-1



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



MANUEL CAMPOS GARCIA

PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

MANUEL CAMPOS GARCIA

MANUEL CAMPOS GARCIA

FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024