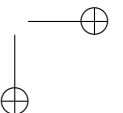
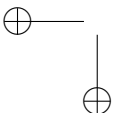
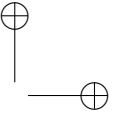
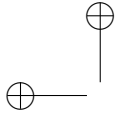


D Publicaciones 1986-2006

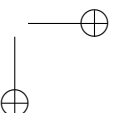
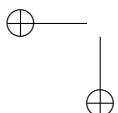
1. Alvaro Giusto, R. Ortega, and A. Stankovicz, "A power-shaping solution for the transient stabilization of power systems," in *XI Latin-American Congress on Automatic Control. CLCA2006. Bahia, Brasil*, oct 2006, pp. 318–323.
2. Leonardo Barboni, Rafaella Fiorelli, and Fernando Silveira, "A tool for design exploration and power optimization of cmos rf circuits blocks," in *Proceedings of the IEEE International Symposium on Circuits and Systems. ISCAS 2006.*, 21-24 May 2006, p. 4.
3. Paul Sotkiewicz and Mario Vignolo, "Allocation of fixed costs in distribution networks with distributed generation," *IEEE Transactions on Power Systems*, vol. 21, no. 2, pp. 639–652, may 2006.
4. Pablo Monzón, *Almost global stability of dynamical systems*, Ph.D. thesis, Facultad de Ingeniería, Universidad de la República, jul 2006.
5. Pablo Monzón, "Almost global stability of time-varying systems," in *Congresso Brasileiro de Automática. Bahia, Brasil*, oct 2006, pp. 198–201.
6. José Cataldo and Ventura Nunes, "Aplicación de la modelación física en la evaluación del potencial eólico para la instalación de parques eólicos en zonas de topografía compleja," in *Conferencia Regional Latinoamericana ISES 2006. Buenos Aires, Argentina*, oct 2006.
7. Gonzalo Casaravilla, "Arrancadores de estado sólido, armónicos y compensación de reactiva : solución de compromiso de un caso real," *Revista IEEE America Latina*, vol. 4, no. 3, 2006.
8. Pablo Aguirre and Fernando Silveira, "Bias circuit design for low-voltage cascode transistors," in *Proceedings of the XIX Symposium on Integrated Circuits and Systems Design. Ouro Preto, Brazil*. sep 2006, ACM.
9. Eduardo Carozo, Carlos Martínez, Leonardo Vidal, Gustavo Betarte, Alejandro Blanco, Eduardo Cota, and Julio Pérez Acle, "Certuy: Hacia un csirt nacional," in *I Congreso Regional de Telecomunicaciones. MVD Telcom. Montevideo, Uruguay*, sep 2006.
10. Gabriele Facciolo, Federico Lecumberry, Andres Almansa, Alvaro Pardo, Vincent Caselles, and Bernard Rouge, "Constrained anisotropic diffusion and some applications," in *British Machine Vision Conference, BMVC*, 2006.
11. Victor Gonzalez Barbone, "Creación de cuestionarios en objetos de aprendizaje reutilizables," in *I Congreso Regional de Telecomunicaciones. MVD Telcom. Montevideo, Uruguay*, 2006,
12. Juan Pablo Oliver and Sebastian Fernandez, "Desarrollo de plataformas reconfigurables con interfaz pci como proyecto de grado," in *I Southern Conference on Programmable Logic. SPL 2006. Mar del Plata, Argentina.*, 8-10 mar 2006.

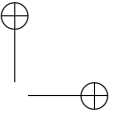
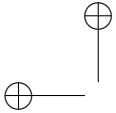




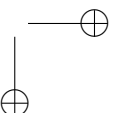
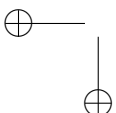
D. Publicaciones 1986-2006

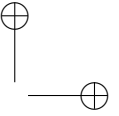
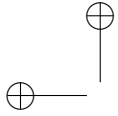
13. Gabriel Gómez, Juan Pablo Oliver, and Omar Barreneche, “Desarrollo de un equipo de medición de audiencia televisiva,” in *I Congreso Regional de Telecomunicaciones. MVD Telcom. Montevideo, Uruguay*, 8-9 sep 2006.
14. Federico Bonsignore, Federico Merino, Gonzalo Ramos, Rafael Staricco, and José Joskowicz, “Desarrollo de un sistema de monitoreo y administración remota de equipos de telecomunicaciones,” in *I Congreso Regional de Telecomunicaciones. MVD Telcom. Montevideo, Uruguay*, sep 2006.
15. Nicolas Rivero, “Descripción del sistema de control de un goniómetro,” in *Anales de Luxamerica 2006. Montevideo, Uruguay*, oct 2006.
16. Cesar Briozzo, Virginia Echinope, and Gonzalo Casaravilla, “Dispositivos semiconductores para electrónica de potencia : evaluación de la propuesta,” in *Congreso Tecnologías Aplicadas a la Enseñanza de la Electrónica. Madrid, España*, jul 2006.
17. Julio Pérez Acele, Matteo Sonza Reorda, and M. Violante, “Early, accurate dependability analysis of can-based networked systems,” *IEEE Design and Test of Computers*, vol. 23, no. 1, pp. 38–45, jan 2006.
18. Pablo Monzón and Fernando Paganini, “Global properties of symmetric coupled oscillators with non complete associated interconnection graph,” in *Congresso Brasileiro de Automática. Bahia, Brasil*, oct 2006, pp. 470–475.
19. Michel Artenstein and Pablo Monzón, “Herramientas de análisis del colapso de tensión y aplicaciones,” *IEEE Latin America Transactions*, vol. 4, no. 3, pp. 75–81, may 2006.
20. Pablo Belzarena and Victor Gonzalez Barbone, “Incorporación de un simulador gráfico de redes en un objeto de aprendizaje reutilizable,” in *Técnicas Aplicadas a la Enseñanza de la Electrónica. TAAE. Madrid, España.*, jul 2006.
21. Fiorella Haim, Sebastian Fernandez, Javier Rodriguez, Lyl Ciganda, Pablo Rolando, and Juan Pablo Oliver, “Laboratorios en casa: una nueva alternativa para cursos masivos de diseño lógico digital,” in *Técnicas Aplicadas a la Enseñanza de la Electrónica. TAAE. Madrid, España.*, 12-14 jul 2006.
22. Fiorella Haim, Sebastian Fernandez, Javier Rodriguez, Lyl Ciganda, Pablo Rolando, and Juan Pablo Oliver, “Laboratory at home: actual circuit design and testing experiences in massive digital design courses,” in *Proceedings of the 9th International Conference on Engineering Education. ICEE 06. San Juan, Puerto Rico*, 23-28 jul 2006.
23. Diego Alvarez and Mario Vignolo, “Lámparas fluorescentes compactas. comercialización y eficiencia,” in *Anales de Luxamerica 2006. Montevideo, Uruguay*, 11-13 oct 2006.
24. Leonardo Steinfeld, Marco Ferrari, Vittorio Ferrari, Antonio Arnau Vives, and Hubert Perrot, “Lectura sin contacto de resonadores de cristal de cuarzo para aplicaciones de microbalanzas multicanal,” in *Memorias del 5º Congreso Iberoamericano de Sensores. Ibersensor. Montevideo, Uruguay*, sep 2006.
25. Pablo Monzón and Rafael Potrie, “Local and global aspects of almost global stability,” in *IEEE Conference on Decision and Control. San Diego, CA, USA*, dec 2006.
26. Gonzalo Casaravilla, “Los dimmers y la compatibilidad electromagnética,” in *Primeras Jornadas Regionales de Calidad de Energía Eléctrica*, sep 2006.





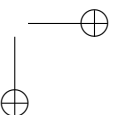
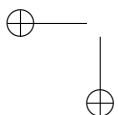
27. José Cataldo and Ventura Nunes, “Metodología de evaluación del potencial eólico para la instalación de aerogeneradores en plantas industriales y análisis de sensibilidad de la factibilidad,” in *Conferencia Regional Latinoamericana ISES 2006. Buenos Aires, Argentina*, oct 2006.
28. Pablo Belzarena, Victor Gonzalez Barbone, Federico Larroca, and Pedro Casas, “Metronet: software para medición de calidad de servicio en voz y video,” in *Anales del Congreso Iberoamericano de Telemática. CITA. México*, mar 2006.
29. Victor Gonzalez Barbone, Federico Larroca, and Pedro Casas, “Metronet: software para medición de calidad de servicio en voz y video,” in *I Congreso Regional de Telecomunicaciones. MVD Telecom. Montevideo, Uruguay*, sep 2006.
30. Alfredo Arnaud, Rafaella Fiorelli, and Carlos Galup-Montoro, “Nanowatt, sub-ns otas, with sub-10-mv input offset, using series-parallel current mirrors,” *IEEE Journal of Solid-State Circuits*, vol. 14, no. 9, pp. 2009–2018, sep 2006.
31. Paul Sotkiewicz and Mario Vignolo, “Nodal pricing for distribution networks: efficient pricing for efficiency enhancing dg,” *IEEE Transactions on Power Systems*, vol. 21, no. 2, pp. 1013–1014, may 2006.
32. Juan Cardelino, Gregory Randall, Marcelo Bertalmio, and Vincent Caselles, “Region based segmentation using the tree of shapes,” in *Proceedings of the IEEE International Conference on Image Processing*, sep 2006.
33. Eliana Katz, Federico Larroca, and Ximena Martino, “Sapo : software de análisis de propagación outdoor,” in *I Congreso Regional de Telecomunicaciones. MVD Telecom. Montevideo, Uruguay*, sep 2006.
34. A. Benítez, A. Ferrari, S. Gutiérrez, Rafael Canetti, A. Cabezas, D. Travers, J. Menes, and C. Etchebehere, “Sequencing batch reactor as a post-treatment of anaerobically treated dairy effluent,” *Water Science Technology*, vol. 54, no. 2, pp. 199–206, 2006.
35. Gloria Haro, Gregory Randall, and Guillermo Sapiro, “Stratification learning: detecting mixed density and dimensionality in high dimensional point clouds,” in *Neural Information Systems Conference, NIPS 2006. Vancouver, Canada*, dec 2006.
36. Pablo Aguirre and Conrado Rossi, “Ultra-low power temperature sensor,” in *Memorias del 5º Congreso Iberoamericano de Sensores. Ibersensor. Montevideo, Uruguay*, sep 2006.
37. Pedro Casas, Diego Guerra, and Ignacio Irigaray, “User perceived quality of service in multimedia networks: a software implementation,” in *I Congreso Regional de Telecomunicaciones. MVD Telecom. Montevideo, Uruguay*, sep 2006.
38. Pablo Flores, Federico Lecumberry, Pablo Arias, and Alvaro Pardo, “Video analysis platform,” in *Congreso Argentino de Ciencias de la Computación. CACIC*, 2006.
39. Marcelo Yannuzzi, Sergi Sanchez-Lopez, Xavier Masip-Bruin, Josep Sole-Pareta, and Jordi Domingo-Pascual, “A combined intra-domain and inter-domain qos routing model for optical networks,” in *Proceedings of the IEEE/IFIP 9th Conference on Optical Network Design and Modelling. Milan, Italy*, feb 2005, pp. 197–203.
40. Alexandre Fonte, Edmundo Monteiro, Marcelo Yannuzzi, Xavier Masip-Bruin, and Jordi Domingo-Pascual, “A cooperative approach for coordinated inter-domain qosr decisions,” in *Proceedings of Eunice, IFIP. Madrid, Spain*, jul 2005, pp. 133–137.
41. Pablo Monzón, “Almost global attraction in planar systems,” *Systems and Control Letters*, vol. 54, no. 8, pp. 753–758, aug 2005.

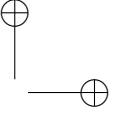
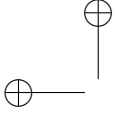




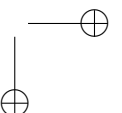
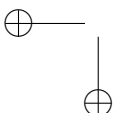
D. Publicaciones 1986-2006

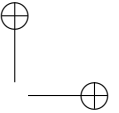
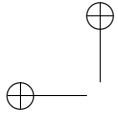
42. Juan Cardelino, Gregory Randall, and Marcelo Bertalmio, "An active regions approach for the segmentation of 3d biological tissue," in *Proceedings of the IEEE International Conference on Image Processing. ICIP 2005*, 11-14 Sep 2005, vol. 1, pp. I – 277–280.
43. Juan Cardelino, "An active regions approach for the segmentation of biological 3d tissue," M.S. thesis, Facultad de Ingeniería, Universidad de la República, aug 2005,
44. Pablo Monzón and Michel Artenstein, "Aplicación de métodos de sensibilidad al filtrado de contingencias para la evaluación del margen al colapso de tensión," in *Memorias del XI Encuentro Regional Iberoamericano del CIGRE. Hernandarias.*, 2005.
45. Gonzalo Casaravilla, Daniel Slomovitz, and Virginia Echinope, "Armónicos y electrónica de potencia," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
46. Gonzalo Casaravilla, "Arrancadores de estado sólido, armónicos y compensación de reactiva: solución de compromiso de un caso real," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
47. Federico Lecumberry, "Cálculo de disparidad en imágenes estéreo, una comparación," in *XI Congreso Argentino de Ciencias de la Computación. Concordia, Argentina.*, oct 2005.
48. Federico Lecumberry, "Cálculo de disparidad y segmentación de objetos en secuencias de video," M.S. thesis, Facultad de Ingeniería, Universidad de la República, Julio Herrera y Reissig 565, aug 2005,
49. S. Gutiérrez, A. Ferrari, A. Benítez, R. Hermida, and Rafael Canetti, "Carbon and nitrogen removal from dairy wastewater in a laboratory sequential batch reactor system," in *Proceedings de Enpromer 2005, Río de Janeiro, Brasil*, aug 2005.
50. A. Santos and Daniel Slomovitz, "Compensación de errores en transformadores de corriente usados en redes de alta tensión," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
51. Leonardo Steinfeld, Marco Ferrari, Vittorio Ferrari, Antonio Arnau Vives, and Hubert Perrot, "Contactless confined readout of quartz crystal resonator sensors," in *Proceedings of the IEEE Sensors*, 2005.
52. Pablo Castro, Pablo Mazzara, and Conrado Rossi, "Control para un convertor a/d de muy bajo consumo [poster]," in *Memorias del XI Workshop de Iberchip (sesión 4A), Salvador de Bahía, Brasil*, 2005,
53. Gonzalo Casaravilla and Virginia Echinope, "Desbalances : Estudio de alternativas para su estimación," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
54. Leonardo Barboni, Rafaella Fiorelli, and Fernando Silveira, "Design and power optimization of cmos rf blocks operating in the moderate inversion region," in *Proceedings XVIII Symposium on Integrated Circuits and Systems Design, (SBCCI), Florianopolis, Brasil*, sep 2005.
55. Leonardo Barboni, Rafaella Fiorelli, and Fernando Silveira, "Diseño de bloques de rf de bajo consumo en inversión débil y moderada," in *Memorias del XI Workshop Iberchip, Bahía, Brasil*, mar 2005.





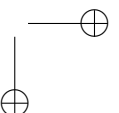
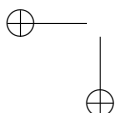
56. Alvaro Gómez, Andres Alcarraz, Mario Vignolo, Diego Alvarez, and Gonzalo Casaravilla, "Diseño de reflectores de luminarias para alumbrado público," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
57. Gonzalo Casaravilla and Adriana Salvia, "Diseño y simulaciones de un filtro activo selectivo de las corrientes armónicas de un horno de arco," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
58. Gustavo Fernández, Susana Masoller, and Juan Luján, "El relé de protección como elemento de campo integrador de funciones en las estaciones de ute - distribución," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
59. Laura Aspirot, Pablo Belzarena, Gonzalo Perera, and B. Bazzano, "End-to-end quality of service prediction based on functional regression," in *International Conference on Heterogeneous Networks (HET-NETs05)*, Ikkley, UK, jul 2005.
60. Pablo Belzarena, "End-to-end quality of service prediction based on functional regression," in *Segundo Encuentro Regional de Probabilidad y Estadística Matemática (EPREM)*. Buenos Aires, Argentina., nov 2005.
61. Graciela Lesino, M. Castel, and Ventura Nunes, "Energy supply to rural community centers," in *ISES 2005 Solar World Congress. Orlando, Florida USA*, aug 2005.
62. Michel Artenstein, Graciela Calzolari, and Freddy Rabín, "Estudio de la maniobra de apertura de un banco de reactores de media tensión para la red de montevidео," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
63. Nicolas Rivero, "Evaluación de performance de un sistema de posicionado angular de bajo costo," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
64. F. Cao, Pablo Musé, and F. Sur, "Extracting meaningful curves from images," *Journal of Mathematical Imaging and Vision*, vol. 22, no. 2-3, pp. 159–181, may 2005.
65. Dario Buschiazzo, Andres Ferragut, Alejandro Vazquez, and Pablo Belzarena, "Fast overflow probability estimation tool for mpls networks," in *Proceedings of Latin America Networking Conference, LANC. Colombia*, nov 2005.
66. Daniel Slomovitz, Leonardo Trigo, and Heriguatí de Souza, "Fuente patrón de tensión basada en múltiples zeners," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
67. Pablo Monzón and Fernando Paganini, "Global considerations on the kuramoto model of sinusoidally coupled oscillators," in *Proceedings of the Joint 44th IEEE Conference on Decision and Control and European Control Conference. Sevilla, Spain.*, Dec 2005, pp. 3923–3928.
68. Juan Pablo Oliver, Fiorella Haim, Sebastian Fernandez, Javier Rodriguez, and Pablo Rolando, "Hardware lab at home possible with ultra low cost boards [logic design course]," in *Proceedings of the IEEE International Conference on Microelectronic Systems Education. MSE '05.*, 12-14 jun 2005, pp. 19–20.
69. Gonzalo Casaravilla, Virginia Echinope, and Daniel Slomovitz, "Harmonic measurement and power electronics," in *Memorias del 8º Congreso Brasileño de Electrónica de Potencia. COBEP*, jun 2005.

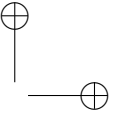
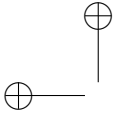




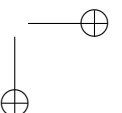
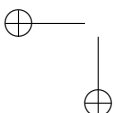
D. Publicaciones 1986-2006

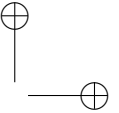
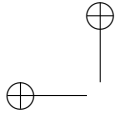
70. Pablo Monzón and Michel Arstenstein, "Herramientas de análisis del colapso de tensión y aplicaciones," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay, 23-24 nov 2005*.
71. Fiorella Haim, "Integrated input modeling and memory management for image processing applications," M.S. thesis, University of Maryland, dec 2005.
72. Daniel Izquierdo, C. Faverio, and Daniel Slomovitz, "Intercomparación multilateral de potencia eléctrica, entre los laboratorios nacionales de alemania, argentina, brasil y uruguay," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay, 23-24 nov 2005*.
73. Leonardo Barboni, "Low power cmos rf amplifiers for short wireless links: a design tool and its application," M.S. thesis, Facultad de Ingeniería, Universidad de la República, 2005.
74. Rafaella Fiorelli, "Low power integrated lc voltage controlled oscillator in cmos technology at 900mhz," M.S. thesis, Facultad de Ingeniería, Universidad de la República, Julio Herrera y Reissig 565, 2005.
75. Leonardo Trigo and Daniel Slomovitz, "Medida de relaciones de tensión rms con baja incertidumbre," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay, 23-24 nov 2005*.
76. R. Romeral, Marcelo Yannuzzi, D. Larrabeiti, Xavier Masip-Bruin, and M. Uruña, "Multi-domain g/mps recovery paths using pce," in *Proceedings of the 10th European Conference on Networks and Optical Communications. London, England., jul 2005*, pp. 187–193.
77. Roque Gagliano, "Nonlinear fiber optics for bio-imaging," M.S. thesis, University of Kansas, Information and Telecommunication Technology Center, may 2005,
78. Alfredo Arnaud, Rafaella Fiorelli, and Carlos Galup-Montoro, "On the design of very small transconductance otas with reduced input offset," in *Proceedings XVIII Symposium on Integrated Circuits and Systems Design, (SBCCI), Florianopolis, Brasil, sep 2005*.
79. Leonardo Trigo, Daniel Slomovitz, and Gabriel Slomovitz, "Patrones de resistencia en corriente alterna basados en resistores calculables," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay, 23-24 nov 2005*.
80. Heriguatí de Souza and Daniel Slomovitz, "Patrones eléctricos en tensión continua mantenimiento, mejoras y desarrollo," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay, 23-24 nov 2005*.
81. Mario Vignolo and Paul Sotkiewicz, "Precios nodales para redes de distribución con generación distribuida," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay, 2005*.
82. Ventura Nunes and José Cataldo, "Prospectiva tecnológica 2015 en el área energía: Nuevo análisis en la situación actual de crisis energética," in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay, nov 2005*.
83. Laura Aspirot, Pablo Belzarena, Paola Bermolen, Gonzalo Perera, and Maria Simon, "Quality of service parameters and link operation point estimation based on effective bandwidth," *Journal on Performance Evaluation*, vol. 59, no. 2-3, feb 2005, Special Issue on Performance Modeling and Evaluation of Heterogeneous Networks.





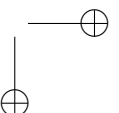
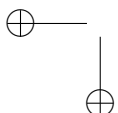
84. Alejandro Alonso, Arturo Ferenczi, and Daniel Fernández, “Selección óptima de bancos de condensadores en base a sensibilidad del margen de carga,” in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
85. Federico Lecumberry and Alvaro Pardo, “Semi-automatic object tracking in video sequences,” in *XI Congreso Argentino de Ciencias de la Computación. Concordia, Argentina.*, oct 2005.
86. Federico Lecumberry and Alvaro Pardo, “Semi-automatic tracking in video sequences,” *Journal of Computer Science and Technology*, vol. 5, no. 4, pp. 218–224, 2005.
87. A. Benítez, A. Ferrari, S. Gutiérrez, Rafael Canetti, A. Cabezas, D. Travers, J. Menes, and C. Etchebehere, “Sequencing batch reactor as a post-treatment of anaerobically treated dairy effluent,” in *VIII Taller y Seminario Latinoamericano de Digestión Anaerobia. Punta del Este, Uruguay*, 2005.
88. Daniel Slomovitz and Heriguatí de Souza, “Shielded electronic current transformer,” *IEEE Transactions on Instrumentation and Measurement*, vol. 54, no. 2, pp. 500–502, Apr. 2005.
89. Ruben Chaer and Raúl Zeballos, “Simenerg - modelo simplificado de central con embalse para análisis de los diferentes aspectos relevantes en la determinación de la política de operación de la central,” in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
90. Pablo Aguirre and Fernando Silveira, “Sintonización automática integrada para filtros de tiempo continuo gm-c de microconsumo,” in *Memorias del XI Workshop Iberchip, Bahía, Brasil*, mar 2005.
91. Graciela Lesino, Ventura Nunes, and R. Roman, “Sustainable energy supply to isolated communities to enhance productive activities: first year advances,” in *ISES 2005 Solar World Congress. Orlando, Florida USA*, aug 2005.
92. Luis García, Juan Luján, and Susana Masoller, “Tableros de media tensión en contenedores,” in *Memorias del 6to Encuentro de Potencia, Instrumentación y Medidas. Montevideo, Uruguay*, 23-24 nov 2005.
93. Ernesto Lopez and Martin Rocamora, “Tararira: Sistema de búsqueda de música por melodía cantada,” in *Brazilian Symposium on Computer Music. Belo Horizonte, Brazil*, Hani Yehia, Ed., oct 2005.
94. Ignacio Ramirez, “The dude for continuous tone images,” M.S. thesis, Facultad de Ingeniería, Universidad de la República, dec 2005.
95. G. Motta, E. Ordentlich, Ignacio Ramirez, Gadiel Seroussi, and Marcelo Weinberger, “The dude framework for continuous tone images,” in *Proceedings of the IEEE International Conference on Image Processing*, 2005.
96. Marcelo Yannuzzi, Xavier Masip-Bruin, and Edmundo Monteiro, “Towards self-adaptive interdomain edge routing,” in *IEEE INFOCOM Student Workshop. Miami, USA*, mar 2005.
97. Conrado Rossi and Pablo Aguirre, “Ultralow power cmos cells for temperature sensors,” in *Proceedings of the XVIII Annual Symposium on Integrated Circuits and Systems Design, SBCCI. Florianopolis, Brasil*. Sociedad Brasileña de Computación, sep 2005, pp. 15–20.

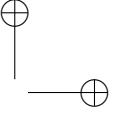
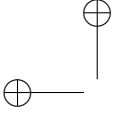




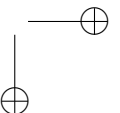
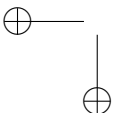
D. Publicaciones 1986-2006

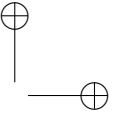
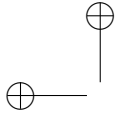
98. Gabriele Facciolo, Andres Almansa, and Alvaro Pardo, "Variational approach to interpolate and correct biases in stereo correlation," in *Proceedings of the GRETSI Conference. Louvain-La-Neuve, Belgium*, sep 2005, pp. 513–516.
99. Alvaro Giusto, "A dissipativity-based approach to the decentralized analysis of power systems stability," in *XI Congresso Brasileiro de Automatica*, sep 2004.
100. Alfredo Arnaud and Carlos Galup-Montoro, "A fully integrated 0.5 -7 hz cmos band-pass amplifier," in *IEEE International Symposium on Circuits and Systems, Vancouver, Canada*. IEEE Circuits and Systems Society, 2004, IEEE.
101. Alfredo Arnaud and Carlos Galup-Montoro, "A fully integrated physical activity sensing circuit for implantable pacemakers," in *17th Symposium on Integrated Circuits and System Design (SBCCI), Porto Galhinas*. Sociedad Brasileña de Microelectrónica, sep 2004.
102. Fulvio Corno, Julio Pérez Acle, M. Ramasso, Matteo Sonza Reorda, and M. Violante, "A multi-level approach to the dependability analysis of can networks for automotive applications," in *International Conference Integrated Chassis Control*, 2004.
103. Fulvio Corno, Julio Pérez Acle, Matteo Sonza Reorda, and M. Violante, "A multi-level approach to the dependability analysis of networked systems based on the can protocol," in *17th Symposium on Integrated Circuits and System Design (SBCCI), Porto Galhinas*, 7-11 sep 2004.
104. Alberto Bartesaghi, Guillermo Sapiro, S. Lee, J. Lefman, S. Wahl, J. Orenstein, and S. Subramanian, "A new approach for 3d segmentation of cellular tomograms obtained using three-dimensional electron microscopy," in *IEEE International Symposium on Biomedical Imaging, Special Session on PDEs in biomedical image analysis*. apr 2004, IEEE.
105. Marcelo Yannuzzi, Alexandre Fonte, Xavier Masip-Bruin, Edmundo Monteiro, Sergi Sanchez-Lopez, Marilia Curado, and Jordi Domingo-Pascual, "A proposal for inter-domain qos routing based on distributed overlay entities and qbgp," in *Proceedings of the First International Workshop on QoSR (WoQoS), co-located with QoFIS04, Barcelona, Spain*. oct 2004, vol. 3266 of *Lecture Notes in Computer Science*, pp. 257–267, Springer.
106. Marcelo Yannuzzi, Alexandre Fonte, Xavier Masip-Bruin, Edmundo Monteiro, Sergi Sanchez-Lopez, and Jordi Domingo-Pascual, "A self-adaptive qos routing framework for multihomed stub autonomous systems," in *Proceedings of Eunice, IFIP. Madrid, Spain*, jul 2004, pp. 241–247.
107. Ventura Nunes and Julio Fernandez, "Acreditación de carreras de ingeniería en el mercosur, bolivia y chile," in *Exposición oral en Taller Nacional de Formación de Pares Evaluadores. Montevideo, Uruguay.*, ago 2004.
108. Pablo Monzón, "Almost global attraction in planar systems," in *Congreso Latinoamericano de Control Automático. La Habana, Cuba.*, may 2004.
109. Miguel Griot, Gabriel Tucci, Santiago Remersaro, and Pablo Belzarena, "Analysis and improvements to mate algorithm," in *23rd IEEE International Performance, Computing and Communications Conference, Phoenix, Arizona*, apr 2004, pp. 247–251.
110. Pablo Aguirre and Conrado Rossi, "Architecture and cells for micropower temperature sensors," in *Anales X Workshop Iberchip. Cartagena de Indias, Colombia. Marzo, 2004. ISBN 970-93260-0-7*, 2004.





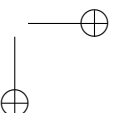
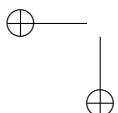
111. Pablo Aguirre, "Automatic reusable design for analog micropower integrated circuits," M.S. thesis, Facultad de Ingeniería, Universidad de la República, Julio Herrera y Reissig 565, 2004.
112. H. Klimach, Alfredo Arnaud, M. C. Schneider, and Carlos Galup-Montoro, "Characterization of mos transistor current mismatch," in *17th Symposium on Integrated Circuits and System Design (SBCCI), Porto Galinhas*. Sociedad Brasileña de Microelectrónica, sep 2004.
113. H. Klimach, Alfredo Arnaud, M. C. Schneider, and Carlos Galup-Montoro, "Consistent model for drain current mismatch in mosfets using the carrier number fluctuation theory," in *IEEE International Symposium on Circuits and Systems, Vancouver, Canada*. mar 2004, IEEE.
114. Alfredo Arnaud and Carlos Galup-Montoro, "Consistent noise models for analysis and design of cmos circuits," *IEEE Transactions on Circuits and Systems I*, vol. 51, no. 10, pp. 1909–1915, oct 2004.
115. Pablo Belzarena, "Desafíos de la convergencia de servicios de telecomunicaciones e informática en internet," 2004.
116. Ventura Nunes, "Desarrollo de las energías renovables y eficiencia energética en el departamento de tacuarembó : caso de la energía eólica," in *Primeras jornadas de comunicación científica de proyectos de Investigación de PDT. Montevideo, Uruguay*, 2 dec 2004.
117. Virginia Marchesano, Federico de Mula, Rafaella Fiorelli, Conrado Rossi, Fernando Silveira, and José Acuña, "Diseño de un sistema de comunicación rf de muy bajo consumo," in *Memorias de las Primeras Jornadas sobre Electrónica Industrial y Control Automático. Montevideo, Uruguay*, 2004.
118. Mario Vignolo and Paul Sotkiewicz, "Distribution network loss allocations with distributed generation using nodal prices," in *Proceedings 7th International Conference in Power and Energy Systems. Clearwater Beach, Florida, USA*. IEEE Power Electronics Society, nov 2004, IEEE.
119. Gregory Randall and Alvaro Giusto, "Electrical engineering education in uruguay. some experiences," in *Proceedings of International Conference on Engineering Education*. University of Florida, oct, 17-21 2004.
120. Marcelo Yannuzzi, Alexandre Fonte, Edmundo Monteiro, Sergi Sanchez-Lopez, Marielia Curado, Jordi Domingo-Pascual, and Josep Sole-Pareta, "Encaminamiento interdominio con calidad de servicio basado en una arquitectura overlay y qbgp," in *14th Jornadas de Telecom I+D. Madrid, Spain.*, nov 2004.
121. Ventura Nunes, "Energía eólica en el uruguay," in *Miniforo Energía Eólica organizado por la Red Iberoamericana de Energía Eólica e IBEROEKA (Cyted), Montevideo, Uruguay.*, 2004.
122. Graciela Lesino, M. Castel, Ventura Nunes, S. Alvarez, and P. M. Ibarra, "Energización de centros comunitarios rurales : una experiencia de transferencia," in *Congreso Internacional de Energía Solar CIES, Vigo, España.*, sep 2004.
123. Nicolas Rivero, Mario Vignolo, and Diego Alvarez, "Ensayos de luminarias, lámparas y sus equipos auxiliares. costos de la calidad," in *Anales de Luxamerica 2004, Lima, Peru*, 2004.

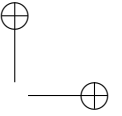
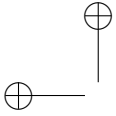




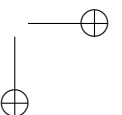
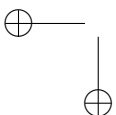
D. Publicaciones 1986-2006

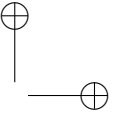
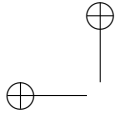
124. Daniel Slomovitz and A. Santos, "Error compensation of current transformers in high voltage networks," in *Transmission and Distribution Conference and Exposition: Latin America, 2004 IEEE/PES*, 8-11 nov 2004, pp. 424-427.
125. Pablo Belzarena, "Internet como red multiservicio: realidad, perspectivas y desafíos," aug 2004.
126. Fernando Silveira and D. Flandre, *Low power analog CMOS for cardiac pacemakers design and optimization in bulk and SOI technologies*, Number 758 in The Kluwer International Series In Engineering And Computer Science. Kluwer, jan 2004, ISBN 1-4020-7719-X.
127. Mario Vignolo and Alfredo Piria, "Metodología para la determinación de la red adaptada de distribución de baja tensión," in *Proceedings of the IEEE T&D Latin America. Sao Paulo, Brasil.*, nov 2004.
128. Pablo Monzón, "Monotone measures and almost global stability of dynamical systems," in *16th International Symposium on Mathematical Theory of Networks and Systems. Leuven, Belgium.* Katholieke Universiteit Leuven, jul 2004.
129. Pablo Monzón, "Monotone measures for dynamical systems," in *Congresso Brasileiro de Automática. Gramado, Brasil*, sep 2004.
130. Pablo Belzarena, Paola Bermolen, Alejandro Vazquez, and Maria Simon, "Network performance evaluation based on the fictitious network analysis," in *IX Congreso Latinoamericano de Probabilidad y Estadística Matemática. Punta del Este, Uruguay.*, mar 2004.
131. Daniel Ferrer, Ramiro Gonzalez, Roberto Fleitas, Julio Pérez Acle, and Rafael Canetti, "Neurofpga : Implementando redes neuronales artificiales en dispositivos lógicos programables," in *Memorias de las Primeras Jornadas sobre Electrónica Industrial y Control Automático*, 2004.
132. Daniel Ferrer, Ramiro Gonzalez, Roberto Fleitas, Julio Pérez Acle, and Rafael Canetti, "Neurofpga : Implementing artificial neural networks on programmable logic devices," in *Design, Automation and Test in Europe Conference and Exhibition Designers Forum*, 2004, pp. 218-223.
133. José Cataldo and Ventura Nunes, "Opportunities and barriers for wind power in uruguay," in *3rd World Wind Energy Conference. Beijing.*, 31 oct - 4 nov 2004.
134. Gonzalo Vallarino, Gustavo Gianarelli, Jose Barattini, Alvaro Gómez, Alicia Fernandez, and Alvaro Pardo, "Performance improvement in a fingerprint classification system using anisotropic diffusion," in *9th Iberoamerican Congress on Pattern Recognition Puebla, Mexico.* oct 2004, vol. 328 of *Lecture Notes in Computer Science*, pp. 582-588, Springer.
135. Fiorella Haim, R. Hernandez, R. Suarez, Franco Simini, and Hector Piriz, "Pesopac: dispositivo inteligente para el registro del peso de pacientes críticos," in *III Congreso Latinoamericano de Ingeniería Biomédica. Joao Pessoa, Brasil.*, sep 2004.
136. Juan Pablo Oliver, Fiorella Haim, Sebastian Fernandez, Javier Rodriguez, and Pablo Rolando, "Prácticas de laboratorio no presencial en diseño electrónico digital," in *II Congreso de Enseñanza en la Facultad de Ingeniería.* Unidad de Enseñanza, Facultad de Ingeniería, 2004.
137. Franco Simini, Hector Piriz, and Carlos Scarone, "Proyectos de ingeniería biomédica: tecnologías desarrolladas en la universidad disponibles para el país," *INGENIERIA*, , no. 49, pp. 16-41, may 2004.





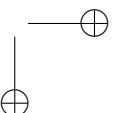
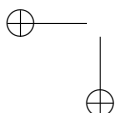
138. Gonzalo Casaravilla, Adriana Salvia, Cesar Briozzo, and Edson H. Watanabe, "Selective active filter with optimum remote harmonic distortion control," *IEEE Transactions on Power Delivery*, vol. 19, no. 4, pp. 1990–1997, oct 2004.
139. Carlos Galup-Montoro, M. C. Schneider, Alfredo Arnaud, and H. Klimach, "Self-consistent dc, ac, noise and mismatch models of the mosfet," in *2004 Workshop on Compact Modeling, Boston*, mar 2004, Invited paper.
140. Rafaella Fiorelli, Alfredo Arnaud, and Carlos Galup-Montoro, "Series-parallel association of transistors for the reduction of random offset in non-unity gain current mirrors," in *IEEE International Symposium on Circuits and Systems. Vancouver, Canada*, may 2004, IEEE.
141. Daniel Slomovitz and Heriguatí de Souza, "Shielded electronic current transformer," in *Conference on Precision Electromagnetic Measurement Digest. London, United Kingdom*, jun 2004, pp. 566–567.
142. E. R. Migliaro, Paola Contreras, Rafael Canetti, Michel Hakas, G. Eirea, and A. Machado, "Short-term studies of heart rate variability: Comparison of two methods for recording," *Physiological Measurements*, vol. 25, no. 6, pp. N15–N20, dec 2004.
143. Juan Piquinela, Virginia Rodes, and Nancy Pere, "Sistemas lineales : material de apoyo," in *Técnicas Aplicadas a la Enseñanza de la Electrónica. Valencia, España.*, 2004.
144. Facundo Memoli, Guillermo Sapiro, and Stanley Osher, "Solving variational problems and partial differential," *Journal of Computational Physics*, vol. 195, no. 1, pp. 263–292, mar 2004.
145. Pablo Musé, *Sur la définition et la reconnaissance de formes planes dans les images numériques (On the definition and recognition of planar shapes in digital images)*, Ph.D. thesis, ENS Cachan, oct 2004.
146. Fulvio Corno, Julio Pérez Acle, M. Ramasso, Matteo Sonza Reorda, and M. Violante, "Validation of the dependability of can-based networked systems," in *IEEE High-level Design Validation and Test Workshop, 2004*, pp. 161–164.
147. Alfredo Arnaud, *Very large time constant Gm-C Filters*, Ph.D. thesis, Facultad de Ingeniería, Universidad de la República, Julio Herrera y Reissig 565, 2004.
148. Alvaro Pardo, "Video object segmentation using multiple features," in *9th Iberoamerican Congress on Pattern Recognition Puebla, Mexico*, oct 2004, vol. 328 of *Lecture Notes in Computer Science*, pp. 597–604, Springer.
149. Pablo Belzarena, Paola Bermolen, Pedro Casas, and Maria Simon, "Virtual paths networks fast performance analysis," in *International Conference on Heterogeneous Networks (HET-NETs04), Ikey, UK*, jul 2004.
150. Marcelo Yannuzzi, Eva Marín Tordera, Xavier Masip-Bruin, Jordi Domingo-Pascual, Sergi Sanchez-Lopez, and Josep Sole-Pareta, "Virtual private lan service: the new challenge for lan/wan connectivity," in *3th Workshop on MPLS. Girona, Catalunya*, mar 2004.
151. Benigno Rodríguez Díaz, "Wireless wide band communication systems, based on ofdm," M.S. thesis, Facultad de Ingeniería, Universidad de la República, Julio Herrera y Reissig 565, 2004.

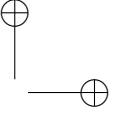
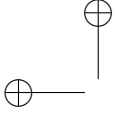




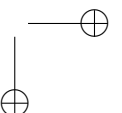
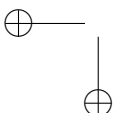
D. Publicaciones 1986-2006

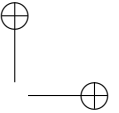
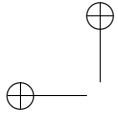
152. Alfredo Arnaud and Carlos Galup-Montoro, "A compact model for flicker noise in mos transistors for analog circuit design," *IEEE Transactions on Electron Devices*, vol. 50, no. 8, pp. 1815–1816, aug 2003.
153. Juan Bazerque, Julio Ciambelli, Santiago Lafon, and Gregory Randall, "Automatic dark fibres detection in wool tops," in *Congreso IberoAmericano de Reconocimiento de Patrones, CIARP, La Habana*, 2003.
154. Pablo Cancela, Fernando Reyes, Pablo Rodriguez, Gregory Randall, and Alicia Fernandez, "Automatic object detection using shape information in ultrasound images," in *Proceedings of the International Conference on Image Processing. ICIP 2003*, 14-17 Sep 2003, vol. 3, 2, pp. III – 417–420.
155. O. Sander, Vincent Caselles, and Marcelo Bertalmio, "Axiomatic scalar data interpolation on manifolds," in *Proceedings of the IEEE International Conference on Image Processing. ICIP 2003*, 14-17 Sep 2003, vol. 3, pp. III 681–684.
156. Franco Simini, Fiorella Haim, Jorge Lobo, and Santiago Gonzalez, "Biomedical prototype development in uruguay: 15 years and lessons learned," in *WC2003. Sydney, Australia*, ago 2003.
157. H. Suarez, Pablo Musé, A. Suarez, T. A. de Artagaveytia, and J. Gil, "Changes in postural control parameters after vestibular rehabilitation in patients with central vestibular disorders," *Acta Otolaryngologica*, vol. 123, no. 2, pp. 143–147, mar 2003.
158. Fernando Silveira and D. Flandre, "Conception optimale et réutilisable d'otas pour dispositifs médicaux implantables," in *Actes du colloque TAISA. Louvain-la-Neuve, Belgique*, 25-26 sep 2003.
159. Julio Pérez Acle, Matteo Sonza Reorda, and M. Violante, "Dependability analysis of can networks: an emulation-based approach," in *18th IEEE International Symposium on Defect and Fault Tolerance in VLSI Systems (DFT 03)*, Cambridge, MA, U.S.A., 3-5 nov 2003.
160. Pablo Aguirre and Fernando Silveira, "Design of a reusable rail-to-rail operational amplifier," in *Proceedings of the 16th Symposium on Integrated Circuits and Systems Design. SBCCI 2003.*, 8-11 Sep 2003, pp. 20–25.
161. Federico de Mula, Rafaella Fiorelli, Virginia Marchesano, Fernando Silveira, and Conrado Rossi, "Diseño e implementación de un sistema de comunicación en radiofrecuencia para dispositivos de bajo consumo," in *Memorias IX Workshop Iberchip. La Habana, Cuba*, mar 2003.
162. Diego Rother, E. R. Migliaro, Rafael Canetti, L. Gómez, A. Caputi, and R. Budelli, "Electric images of two low resistance objects in weakly electric fish," *Biosystems*, vol. 71, no. 1-2, pp. 171–179, sep 2003.
163. Daniel Slomovitz, "Electronic system for increasing the accuracy of in-service instrument-current transformers," *IEEE Transactions on Instrumentation and Measurement*, vol. 52, no. 2, pp. 408–410, Apr. 2003.
164. Michel Artenstein, Pablo Monzón, and Jorge Alonso, "Evaluación de la estabilidad de tensión en una red de potencia en base a criterios derivados de la teoría de la bifurcación más cercana," in *Encuentro Regional Latinoamericano de CIGRE (International Council on Large Electric Systems). X ERLAC. Argentina.*, may 2003, pp. 38–6.
165. Gonzalo Casaravilla, *Filtros activos selectivos de corrientes armónicas*, Ph.D. thesis, Facultad de Ingeniería, Universidad de la República, 2003.





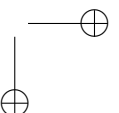
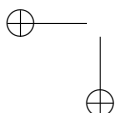
166. Nestor Alvarez, Pablo Belzarena, Alejandro Espiga, Fernando Franca, and Jorge Gallo, "Gestión distribuida de redes de telecomunicaciones : gateway corba-sdh," in *Anales del Congreso Iberoamericano de Telemática. CITA. Uruguay*, 2003, 9974-0-0227-3.
167. E. R. Migliaro, Rafael Canetti, Paola Contreras, and Michel Hakas, "Heart rate variability (hrv): Short-term studies (st) vs. holter in diabetic patients and healthy subjects," in *12th Meeting of the International-Society-for-Heart-Research. Buenos Aires, Argentina.*, aug 2003, Abstract en Journal of molecular and cellular cardiology 35 (8): 9.
168. E. R. Migliaro, Rafael Canetti, Paola Contreras, and Michel Hakas, "Heart rate variability: short-term studies are as useful as holter to differentiate diabetic patients from healthy subjects," *Annals of Noninvasive Electrocardiology*, vol. 8, no. 4, pp. 313–320, oct 2003.
169. Marcelo Bertalmio, L. Vese, Guillermo Sapiro, and Stanley Osher, "Image filling-in in a decomposition space," in *Proceedings of the IEEE International Conference on Image Processing. ICIP 2003*, 14-17 sep 2003, pp. I – 853–855.
170. Pablo Belzarena, "Ingeniería de tráfico en línea en redes mpls aplicando la teoría de grandes desviaciones," M.S. thesis, Facultad de Ingeniería, Universidad de la República, 2003.
171. J. Verdera, Vincent Caselles, Marcelo Bertalmio, and Guillermo Sapiro, "Inpainting surface holes," in *Proceedings of the IEEE International Conference on Image Processing. ICIP 2003*, 14-17 sep 2003, vol. 3, pp. II 903–906.
172. J. Martínez Garreiro, Rafael Canetti, Andre Fonseca de Oliveira, and Michel Hakas, "Modelado de un secador industrial de arroz," in *III Encuentro Regional de Ingeniería Química. Montevideo, Uruguay*, oct 2003.
173. L. Vancaillie, Fernando Silveira, B. Linares-Barranco, T. Serrano-Gotarredona, and D. Flandre, "Mosfet mismatch in weak/moderate inversion: model needs and implications for analog design," in *Proceedings of the 29th Solid-State Circuits Conference. ESSCIRC '03*, 16–19 2003.
174. Alvaro Gómez, "Navegación 3d mediante visión estéreo pasiva y su aplicación a la cirugía guiada por imágenes," M.S. thesis, Facultad de Ingeniería, Universidad de la República, Julio Herrera y Reissig 565, 2003.
175. Pablo Monzón, "On necessary conditions for almost global stability," *IEEE Transactions on Automatic Control*, vol. 48, no. 4, pp. 631–634, Apr. 2003.
176. Alfredo Arnaud and Carlos Galup-Montoro, "Pico-a/v range cmos transconductors using series-parallel current division," *IEE Electronics Letters*, vol. 39, no. 18, pp. 1295–1296, sep 2003.
177. Laura Aspirot, Pablo Belzarena, Paola Bermolen, Gonzalo Perera, and Maria Simon, "Quality of service parameters and link operation point estimation based on effective bandwidth," in *International Conference on Heterogeneous Networks. HET_NETs03. Ikey, UK*, jul 2003.
178. Gonzalo Casaravilla, Adriana Salvia, Cesar Briozzo, and Edson H. Watanabe, "Selective active filter comparison: shunt or shunt hybrid with remote harmonic distortion control," in *Proceedings of the 7th Brazilian Power Electronics Conference COBEP 2003*, sep 2003.

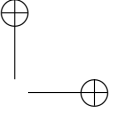
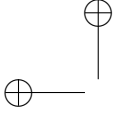




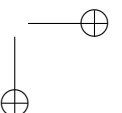
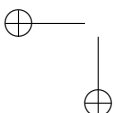
D. Publicaciones 1986-2006

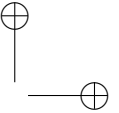
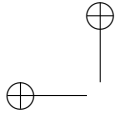
179. Gonzalo Casaravilla, Adriana Salvia, Cesar Briozzo, and Edson H. Watanabe, "Series and parallel calculations methods for the reference current values in a selective shunt active filter," in *Proceedings of the IEEE International Symposium on Industrial Electronics, ISIE '03.*, 9-11 Jun 2003, vol. 2, pp. 841-847.
180. Alfredo Arnaud and Carlos Galup-Montoro, "Simple noise formulas for mos analog design," in *Proceedings of the IEEE International Symposium in Circuits and Systems, ISCAS 2003. Bangkok, Thailand*, may 2003, vol. 1, pp. 189-192.
181. Marcelo Bertalmio, L. Vese, Guillermo Sapiro, and Stanley Osher, "Simultaneous structure and texture image inpainting," *IEEE Transactions on Image Processing*, vol. 12, no. 8, pp. 882-889, aug 2003.
182. Marcelo Bertalmio, L. Vese, Guillermo Sapiro, and Stanley Osher, "Simultaneous structure and texture image inpainting," in *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition.*, 18-20 jun 2003, vol. 2, pp. II - 707-712.
183. Pablo Aguirre, Adoración Rueda, and Alberto Yufera, "Spectrehdl model of a photodetector cell for electrical simulation and its application in a wta based light spot center location circuit," in *Proceedings of the 46th IEEE Midwest Symposium On Circuits and Systems. El Cairo, Egypt.*, dec 2003.
184. S. Rane, Guillermo Sapiro, and Marcelo Bertalmio, "Structure and texture filling-in of missing image blocks in wireless transmission and compression applications," *IEEE Transactions on Image Processing*, vol. 12, no. 3, pp. 296-303, mar 2003.
185. Pablo Musé, F. Sur, and J.-M. Morel, "Sur les seuils de reconnaissance de formes," *Traitement du Signal*, vol. 20, no. 3, pp. 279-294, 2003.
186. Alvaro Pardo, *Tools for image analysis, representation, and compression*, Ph.D. thesis, Facultad de Ingeniería, Universidad de la República, 2003.
187. Pablo Musé, F. Sur, F. Cao, and Y. Gousseau, "Unsupervised thresholds for shape matching," in *Proceedings of the IEEE International Conference on Image Processing, ICIP. Barcelona, Spain.*, 14-17 sep 2003.
188. Alvaro Pardo and Guillermo Sapiro, "Visualization of high dynamic range images," *IEEE Transactions on Image Processing*, vol. 12, no. 6, jun 2003.
189. Fernando Silveira and D. Flandre, "A 110 na pacemaker sensing channel in cmos on silicon-on-insulator," in *Proceedings of the IEEE International Symposium on Circuits and Systems. ISCAS 2002.*, 26-29 May 2002, vol. 5, pp. 181-184.
190. Daniel Slomovitz, C. Faverio, and A. Spaggiari, "A thermal voltage converter based on thermistors," in *Conference on Precision Electromagnetic Measurements. Conference Digest*, 16-21 jun 2002, pp. 26-27.
191. Michel Artenstein, Jorge Alonso, and Pablo Monzón, "An implementation of the continuation method for voltage stability analysis including reactive power generation limits and tap changer limits," in *Proceedings of the Second International Conference on Power and Energy Systems, IASTED. Greece*, jun 2002, pp. 171-176.
192. Michel Artenstein, Jorge Alonso, and Pablo Monzón, "An implementation of the continuation method for voltage stability analysis including reactive power generation limits and tap changer limits," in *Congresso Brasileiro de Automática. Natal, Brasil*, sep 2002, pp. 1689-1694.





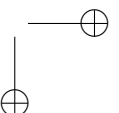
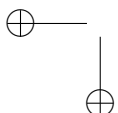
193. Pablo Belzarena, "Aplicación de métodos de reconocimiento de patrones lógico combinatorios a un problema de data mining," in *Congreso Argentino de Ciencias de la Computación.*, 2002, Comunicación Corta.
194. Gonzalo Casaravilla, Adriana Salvia, Cesar Briozzo, and Edson H. Watanabe, "Control strategies of selective harmonic current shunt active filter," *IEE Proceedings on Generation, Transmission and Distribution*, vol. 149, no. 6, pp. 689–694, nov 2002.
195. Gonzalo Casaravilla, Adriana Salvia, Cesar Briozzo, and Edson H. Watanabe, "Control strategies of selective harmonic current shunt active filter," *IEE Proceedings on Generation, Transmission and Distribution*, vol. 149, no. 6, pp. 689–694, nov 2002.
196. Mario Vignolo and Pablo Monzón, "Deregulating the electricity sector," in *Proceedings of the Second International Conference on Power and Energy Systems, IASTED. Greece*, jun 2002.
197. Ignacio Ramirez, Andres Alcarraz, Alicia Fernandez, and Andre Fonseca de Oliveira, "Desarrollo de un framework de reconocimiento de patrones," in *Congreso Iberoamericano de Reconocimiento de Patrones, CIARP. México.*, nov 2002.
198. Pablo Aguirre and Alfredo Arnaud, "Diseño de un filtro pasabanda para la implementación de un amplificador chopper de bajo ruido y micro consumo," in *Memorias del VIII Workshop Iberchip. Guadalajara, Mexico.*, apr 2002.
199. Mario Vignolo and Raúl Zeballos, "Economic operation of power systems," in *Proceedings Latin America T&D 2002 IEEE, Brazil*, mar 2002.
200. Juan Pechiar, Gonzalo Perera, and Maria Simon, "Effective bandwidth estimation and testing for markov sources," *Journal on Performance Evaluation*, vol. 45, pp. 1–19, 2002.
201. Daniel Slomovitz, "Electronic based high-voltage measuring transformers," *IEEE Transactions on Power Delivery*, vol. 17, no. 2, pp. 359–361, apr 2002.
202. Daniel Slomovitz, "Electronic system for increasing the accuracy of in-service instrument-current transformers," in *Conference on Precision Electromagnetic Measurements. Conference Digest*, 16-21 jun 2002, pp. 258–259.
203. R. Hofstadter and Mario Vignolo, "Ensayo de vida de lámparas halógenas de bajo voltaje con reflector dicroico," in *Anales de Luxamerica 2002. Tucumán, Argentina*, 2002.
204. R. Acosta, Fernando Silveira, and Pablo Aguirre, "Experiences on analog circuit technology migration and reuse," in *Proceedings of the 15th Symposium on Integrated Circuits and Systems Design*, 9-14 Sep 2002, pp. 169–174.
205. Alvaro Pardo, "Extraction of semantic objects from still images," in *Proceedings of the IEEE International Conference on Image Processing*, 2002.
206. Alvaro Pardo, "Image segmentation using morphological tools," in *Congreso Argentino de Ciencias de la Computación. Buenos Aires, Argentina.*, oct 2002.
207. Leonardo Barboni, Alejandro Reyna, Alfredo Arnaud, Erna Frins, and Fernando Silveira, "Implementación de un polarímetro de precisión, y estudio de arquitecturas para procesamiento de señal en sensores ópticos," in *Proceedings of the 8th Workshop Iberchip. Guadalajara, México*, mar 2002.

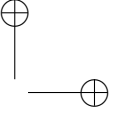
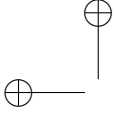




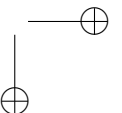
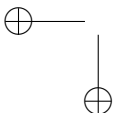
D. Publicaciones 1986-2006

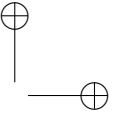
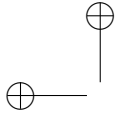
208. Fernando Silveira, *Low-Power IC design and optimization in bulk and SOI CMOS technologies in view of application to pacemakers*, Ph.D. thesis, Microelectronics Laboratory, Université Catholique de Louvain (Belgium), sep 2002.
209. Gonzalo Casaravilla, "Más que un laboratorio de electrotécnica de potencia," in *Técnicas Aplicadas a la Enseñanza de la Electrónica. TAAE. Las Palmas, España*, feb 2002.
210. Pablo Monzón, "On necessary conditions for almost global stability," in *41st IEEE Conference on Decision and Control. Las Vegas, USA*, dec 2002, pp. 4270–4271.
211. Fernando Silveira and D. Flandre, "Operational amplifier power optimization for a given total (slewing plus linear) settling time," in *Proceedings of the 15th Symposium on Integrated Circuits and Systems Design*, 9-14 Sep 2002, pp. 247–253.
212. Diego Alvarez, "Programa lux. software para cálculos de iluminancia para el caso de iluminación vial," in *Anales de Luxamerica 2002. Tucumán, Argentina*, 2002.
213. Pablo Belzarena and Maria Simon, "Quality of service and traffic engineering in mpls networks," in *Proceedings of CITEL2002. La Habana, Cuba*, 2002, ISBN 1959-261-025-8.
214. Gonzalo Casaravilla, Adriana Salvia, Cesar Briozzo, and Edson H. Watanabe, "Selective active filter applied to an arc furnace adjusted to harmonic emission limitations," in *Latin America T&D IEEE Conference. San Pablo, Brasil.*, mar 2002.
215. Gonzalo Casaravilla, Adriana Salvia, Cesar Briozzo, and Edson H. Watanabe, "Selective active filter with remote harmonic distortion control," in *International Conference on Harmonics and Quality of Power. ICHQP*, oct 2002.
216. Alvaro Pardo, "Semantic image segmentation using morphological tools," in *Proceedings of the IEEE International Conference on Image Processing*, 2002.
217. Alfredo Arnaud and Carlos Galup-Montoro, "Simple noise formulas for mos analog design," in *Proceedings of the IEEE International Symposium on Circuits and Systems, ISCAS 2002. Phoenix, USA.*, may 2002, vol. 1, pp. 189–192.
218. Alfredo Arnaud and Carlos Galup-Montoro, "Simple, continuous and consistent physics based model for flicker noise in mos transistors," in *Memorias del VIII Workshop Iberchip. Guadalajara, Mexico.*, apr 2002.
219. Federico de Mula and Raffaella Fiorelli, "Síntesis automática y evaluación de performance de un circuito digital de complejidad media," in *Proceedings X Jornadas de Jóvenes Investigadores de la Asociación de Universidades del Grupo Montevideo. Florianópolis, Brasil.*, sep 2002, p. 792.
220. S. Rane, Guillermo Sapiro, and Marcelo Bertalmio, "Structure and texture filling-in of missing image blocks in wireless transmission and compression," in *Proceedings of the IEEE International Conference on Image Processing. ICIP 2002, 22-25 Sep 2002*, vol. 1, pp. I-317–320.
221. Mario Vignolo, "The influence of market regulations in the development of distributed generation," in *Proceedings of the Second International Symposium on Distributed Generation: Power System and Market Aspects. Stockholm, Sweden*, 2-4 oct 2002.
222. Victor Gonzalez Barbone and Juan Zorrilla de San Martín, "Trema: una herramienta fundamental para el análisis de perturbaciones," in *VI Simposio Iberoamericano sobre Sistemas Eléctricos de Potencia. Monterrey, México.*, 2002.





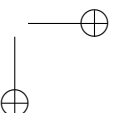
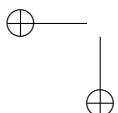
223. Pablo Belzarena, "Tutorial sobre calidad de servicio en redes mpls," in *Anales del Congreso Iberoamericano de Telemática. CITA. Venezuela*, 2002, ISBN 980-237-217-X.
224. Pablo Belzarena and Rudiger Von Sanden, "Una propuesta metodológica para alinear los proyectos de la empresa con su estrategia," in *Anales del Congreso Latinoamericano de Estrategia. Montevideo, Uruguay.*, may 2002.
225. Alvaro Pardo and Guillermo Sapiro, "Visualization of high dynamic range images," in *Proceedings of the IEEE International Conference on Image Processing*, sep 2002.
226. Alberto Bartesaghi and Guillermo Sapiro, "A system for the generation of curves on 3d brain images," *Human Brain Mapping*, vol. 14, no. 1, 2001.
227. C. Ballester, Vincent Caselles, J. Verdera, Marcelo Bertalmio, and Guillermo Sapiro, "A variational model for filling-in gray level and color images," in *Proceedings of the Eight International Conference on Computer Vision. ICCV*, 7-14 jul 2001, vol. 1, pp. 10–16.
228. Pablo Musé, F. Sur, and J.-M. Morel, "Affine invariant shape recognition," in *The Mathematical, Computational and Biological Study of Vision. Oberwolfach, Germany*. Mathematisches Forschungsinstitut Oberwolfach Meeting, 5-9 nov 2001.
229. Alfredo Arnaud and Fernando Silveira, "Amplificador para fotodiodo integrado con rechazo de dc por medio de la técnica de autozero," in *Memorias del VII Workshop Iberchip. Montevideo, Uruguay*, mar 2001.
230. Alfredo Arnaud and Conrado Rossi, "Análisis de una cadena de inversores asimétricos como elemento de retardo," in *Memorias del VII Workshop Iberchip. Montevideo, Uruguay*, mar 2001.
231. H. Suarez, Pablo Musé, A. Suarez, and M. Arocena, "Assessment of the risk of fall, related to visual stimulation, in patients with central vestibular disorders," *Acta Otolaryngologica*, vol. 121, no. 2, pp. 220–224, jan 2001.
232. Gonzalo Casaravilla, Adriana Salvia, Cesar Briozzo, and Edson H. Watanabe, "Control strategies of selective harmonic current shunt active filter," in *Memorias del Congreso Brasileño de Electrónica de Potencia. COBEP*, nov 2001.
233. Facundo Memoli, "Distance maps on implicitly defined manifolds," M.S. thesis, Facultad de Ingeniería, Universidad de la República, 2001.
234. Facundo Memoli and Guillermo Sapiro, "Fast computation of weighted distance functions and geodesic on implicit hyper-surfaces," *Journal of Computational Physics*, oct 2001.
235. C. Ballester, Marcelo Bertalmio, Vincent Caselles, Guillermo Sapiro, and J. Verdera, "Filling-in by joint interpolation of vector fields and gray levels," *IEEE Transactions on Image Processing*, vol. 10, no. 8, pp. 1200–1211, aug 2001.
236. J. Martínez Garreiro, Rafael Canetti, Andre Fonseca de Oliveira, and Michel Hakas, "Industrial rice dryer simulation model," in *13th European Simulation Symposium. ESS 01. Marseille, France*, 2001.
237. Sebastian Fernandez and D. Vera, "Módulos lógicos para utilización de monitor vga y mouse ps2," in *Memorias del VII Workshop Iberchip. Montevideo, Uruguay*, 21-23 mar 2001.

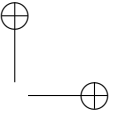
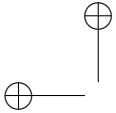




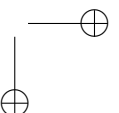
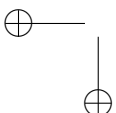
D. Publicaciones 1986-2006

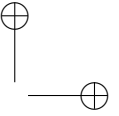
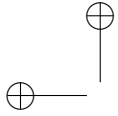
238. Marcelo Bertalmio, A. L. Bertozzi, and Guillermo Sapiro, "Navier-stokes, fluid dynamics, and image and video inpainting," in *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition. CVRP*, 2001, vol. 1, pp. 1-355-362.
239. Alberto Bartesaghi, Alvaro Gómez, and Alicia Fernandez, "Performance evaluation of an automatic fingerprint classification algorithm adapted to a vucetich based classification system," in *Proceedings of the 3rd International Conference on Audio-and Video-Based Biometric Person Authentication. Halmstad, Sweden*, 6-8 jun 2001.
240. Mario Vignolo and Raúl Zeballos, "Transmission networks or distributed generation?," in *Proceedings of the Sixth IASTED International Conference on Power and Energy Systems. Rhodes, Greece*, jun 2001.
241. Conrado Rossi, "Una experiencia en electrónica digital," in *Primer foro Innovaciones Educativas en la Enseñanza de Grado. Montevideo, Uruguay*. Universidad de la República, 2001, pp. 137-142.
242. Juan Pablo Oliver and Julio Pérez Acle, "Utilización de fpgas como aceleradores de cálculo," in *Memorias del VII Workshop Iberchip. Montevideo, Uruguay*, 21-23 mar 2001.
243. Marcelo Bertalmio, Guillermo Sapiro, Cheng Li-Tien, and Stanley Osher, "Variational problems and pdes on implicit surfaces," in *Proceedings of the IEEE Workshop on Variational and Level Set Methods in Computer Vision.*, 13 jul 2001, pp. 186-193.
244. Alvaro Pardo and Guillermo Sapiro, "Vector probability diffusion," *IEEE Signal Processing Letters.*, vol. 8, no. 4, pp. 106-109, apr 2001.
245. Jose Ferrari, Daniel Perciante, A. Dubra, Alfredo Arnaud, and Erna Frins, "Ac current sensor using second harmonic detection," *Applied optics*, vol. 39, no. 25, pp. 4638-4640, oct 2000.
246. Linder Reyes, Daniel Perciante, and Fernando Silveira, "Amplificador pasabajos diferencial a capacitores conmutados para aplicaciones biomédicas implantables," in *Memorias del VI Workshop de Iberchip. Sao Paulo, Brasil.*, mar 2000.
247. Daniel Slomovitz, "An electronic device for increasing the accuracy of high-voltage measuring transformers," in *Conference on Precision Electromagnetic Measurements. Conference Digest*, 14-19 May 2000, pp. 413-414.
248. Fernando Silveira and D. Flandre, "Analysis and design of a family of low-power class ab operational amplifiers," in *Proceedings of the 13th Symposium on Integrated Circuits and Systems Design*, 18-24 Sep 2000, pp. 94-98.
249. Enrique Ferreira, S. Tsai, C. Paredis, and H. Brown, "Control of the gyrover: a single-wheel gyroscopically stabilized robot," *Advanced Robotics*, vol. 14, no. 6, pp. 459-475, jun 2000.
250. Juan Pechiar, Gonzalo Perera, and Maria Simon, "Effective bandwidth estimation and testing for markov sources," in *Eigth IFIP Workshop on Performance Evaluation and Modelling of ATM and IP Networks. Ikley, UK*, jul 2000.
251. Daniel Slomovitz, "Electronic error reduction system for clamp-on probes and measuring current transformers," *IEEE Transactions on Instrumentation and Measurement*, vol. 49, no. 6, pp. 1278-1281, dec 2000.





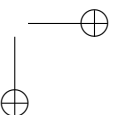
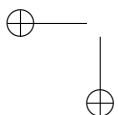
252. N. Pérez, D. Valle Lisboa, G. Cremella, and Rafael Canetti, "Estudio e implementación de un sistema para el rechazo de perturbaciones en un láser de diodo sintonizable," in *IX Congreso Latinoamericano de Control Automático. Cali, Colombia*, nov 2000.
253. Gonzalo Casaravilla, "Evaluación de simeep: Versión 2.0," in *Técnicas Aplicadas a la Enseñanza de la Electrónica. TAAE. Barcelona, España*, sep 2000.
254. Alfredo Arnaud and Fernando Silveira, "Experiencias en diseño y prueba de fotodetectores en circuitos integrados estándar: del fotodiodo a la cámara cmos," in *Memorias del VI Workshop de Iberchip. Sao Paulo, Brasil.*, mar 2000, pp. 225–235.
255. Ventura Nunes, José Cataldo, and Gonzalo Casaravilla, "Feasibility of the use of wind energy generation at sewage plants in montevideo city," in *WREN*, 2000.
256. Gonzalo Casaravilla, "Filtro activo de mínimo costo ajustado a la carga de un horno de arco y a las reglamentaciones sobre emisión armónica aplicables," M.S. thesis, Facultad de Ingeniería, Universidad de la República, 2000.
257. Gonzalo Casaravilla, Cesar Briozzo, and Edson H. Watanabe, "Filtro activo de mínimo costo ajustado a la carga de un horno de arco y a las reglamentaciones sobre emisión armónica aplicables," in *Congreso Brasileiro de Automática. Florianopolis, Brasil*, sep 2000.
258. Alberto Bartesaghi, "Generation of weighted geodesic curves over triangulated domains," M.S. thesis, Facultad de Ingeniería, Universidad de la República, 2000.
259. Paola Contreras, Rafael Canetti, G. Eirea, Michel Hakas, and E. R. Migliaro, "Gráfico de poincaré: herramienta cuantitativa para el análisis de la variabilidad de la frecuencia cardíaca en estudios breves [poster]," in *IX Jornadas de la Sociedad Uruguaya de Biociencias, Solís, Uruguay*, 4-7 may 2000.
260. Marcelo Bertalmio, Guillermo Sapiro, Vincent Caselles, and C. Ballester, "Image inpainting," in *Proceedings of SIGGRAPH. New Orleans, USA*, jul 2000, pp. 417–424.
261. Cesar Briozzo, Jorge Alonso, A. Martínez, E. R. Migliaro, and Rafael Canetti, "Influence of fetal heart rate decelerations, in the computerized study of fetal heart rate variability during labor [poster]," in *VIII Congreso Mundial de Perinatología. Porto, Portugal*, 14-17 jun 2000.
262. Marcelo Bertalmio, Guillermo Sapiro, and Gregory Randall, "Morphing active contours," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 22, no. 7, pp. 733–737, jul 2000.
263. Enrique Ferreira and P. Khosla, "Multi agent collaboration using distributed value functions," in *Proceedings of the IEEE Intelligent Vehicles Symposium (IV 2000)*, oct 2000, pp. 404–409.
264. Alfredo Arnaud, "Optical based sensors and their signal conditioning," M.S. thesis, Facultad de Ingeniería, Universidad de la República, 2000.
265. H. Suarez, Pablo Musé, A. Suarez, and M. Arocena, "Postural adaptation induced by visual stimulation in patients with vestibular disorders," in *Annual MidWinter Meeting of the Association for Research in Otolaryngology. Florida, USA*, 20-24 feb 2000.
266. Alfredo Arnaud, Fernando Silveira, Erna Frins, A. Dubra, and Jose Ferrari, "Precision synchronous polarimeter with linear response for the measurement of small rotation angles," *Applied optics*, vol. 39, no. 16, pp. 2601–2604, jun 2000.

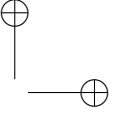
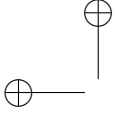




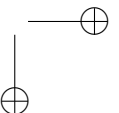
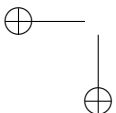
D. Publicaciones 1986-2006

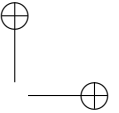
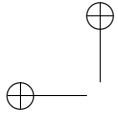
267. Mario Vignolo, Raúl Zeballos, Gonzalo Casaravilla, and Ventura Nunes, "Proceso de modernización de un laboratorio de fotometría," in *Anales de Luxamerica 2000. San Pablo, Brasil*, 2000.
268. H. Suarez, Pablo Musé, A. Suarez, and M. Arocena, "Responses to visual stimulation in patients with vestibular disorders," *Acta Otolaryngologica*, vol. 120, no. 2, pp. 168–172, mar 2000.
269. Daniel Slomovitz, *Sistema patrón de medida de potencia eléctrica para baja frecuencia*, Ph.D. thesis, Facultad de Ingeniería, Universidad de la República, 2000.
270. Rafael Canetti, Michel Hakas, Ignacio Ramirez, and Nancy Pere, "Software interactivo para la enseñanza de teoría de control," in *Técnicas Aplicadas a la Enseñanza de la Electrónica. TAAE*, 2000.
271. Alfredo Arnaud, D. Forsyth, T. Sun, Z. Y. Zhang, and K. T. V. Grattan, "Strain and temperature effects on erbium-doped fiber for decay-time based sensing," *Review of Scientific Instruments*, vol. 71, no. 1, pp. 104–108, jan 2000.
272. Mario Vignolo, "Technical and commercial issues of embedded generation. cases of study: Argentina and chile," M.S. thesis, University of Manchester, sep 2000.
273. Alvaro Pardo and Guillermo Sapiro, "Vector probability diffusion," in *Proceedings of the IEEE International Conference on Image Processing, ICIP. Vancouver, Canada*, sep 2000.
274. Pablo Musé, H. Suarez, A. Suarez, and M. Arocena, "Análisis de señales posturográficas: puesta a punto de un método de medida y su instrumentación," in *XII Argentinian Conference on Bioengineering. Buenos Aires, Argentina*, 2-4 jun 1999.
275. Sebastian Gava, Javier Román, G. Ruibal, Rafael Canetti, Gonzalo Casaravilla, and Mario Vignolo, "Automatización de ensayos de lámparas de descarga de gas," in *Símpo-sio de Iluminación y Actividad Humana. Tucumán, Argentina*. Universidad Nacional de Tucumán, ago 1999.
276. M. Petruccelli, Mario Vignolo, and Gonzalo Casaravilla, "Automatización de los informes de ensayos fotométricos," in *Símpo-sio de Iluminación y Actividad Humana. Tucumán, Argentina*. Universidad Nacional de Tucumán, sep 1999.
277. Javier Román, S. Gaba, G. Ruibal, Rafael Canetti, Gonzalo Casaravilla, and Mario Vignolo, "Automatización del laboratorio de fotometría," in *Símpo-sio de Iluminación y Actividad Humana. Tucumán, Argentina*. Universidad Nacional de Tucumán, sep 1999.
278. Alvaro Gómez, Mauricio Riera, and Gonzalo Casaravilla, "Control de flujo vectorial mediante un inversor de corriente," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 99. Montevideo, Uruguay.*, oct 1999.
279. S. Tsai, Enrique Ferreira, and C. Paredis, "Control of the gyrover: a single-wheel gyroscopically stabilized robot," in *Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS'99)*, oct 1999, vol. 1, pp. 179–184.
280. J. Ron, P. Nussbaum, D. Segurolo, and Gonzalo Casaravilla, "Controlador de flujo lumínico para alumbrado público," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 99. Montevideo, Uruguay.*, oct 1999.
281. Andre Fonseca de Oliveira, Rafael Canetti, and R. Haber, "Controladores pid con adaptación borrosa," in *VIII Reunión de Procesamiento de la Información y Control. VIII RPIC. Argentina*, 1999.





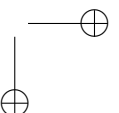
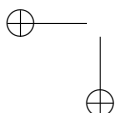
282. Jose Ferrari, A. Dubra, Alfredo Arnaud, and Daniel Perciante, "Current sensor utilizing heterodyne detection," *Applied optics*, vol. 38, no. 12, pp. 2808–2811, may 1999.
283. Facundo Memoli, Alvaro Pardo, and Alejandro Ribeiro, "Difusión anisotrópica," in *Simposio Iberoamericano de Reconocimiento de Patrones, SIARP. La Habana, Cuba*, mar 1999.
284. Alfredo Arnaud, Oscar de Oliveira, Daniel Perciante, Linder Reyes, Conrado Rossi, and Fernando Silveira, "Diseño de circuitos a capacitores conmutados para adquisición de señales biomédicas," in *Proceedings del V Workshop de Iberchip, Lima, Perú*, 1-3 mar 1999, p. 442.
285. Pablo Monzón, "Estudio y aplicación de técnicas de control no lineal," M.S. thesis, Facultad de Ingeniería, Universidad de la República, Julio Herrera y Reissig 565, 1999.
286. Ventura Nunes, José Cataldo, Raúl Zeballos, and Gonzalo Casaravilla, "Factibilidad del uso de energía eléctrica de origen eólico en plantas de saneamiento de monteideo conectadas a la red," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 99. Montevideo, Uruguay*, oct 1999.
287. D. Flandre, J. P. Colinge, J. Chen, D. De Ceuster, J. P. Eggermont, L. Ferreira, B. Gentinne, P. G. A. Jespers, A. Viviani, R. Gillon, J. P. Raskin, A. Vander Vorst, D. Vanhoenacker, and Fernando Silveira, "Fully-depleted soi cmos technology for low-voltage low-power mixed digital/analog/microwave circuits," *Analog Integrated Circuits and Signal Processing*, vol. 21, no. 3, pp. 213–228, dec 1999.
288. H. Suarez, Pablo Musé, A. Suarez, and M. Arocena, "Measures of postural responses to different visual stimulation in patients with vestibular disorders," in *Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum. Lyon, France*, 22-25 feb 1999.
289. Marcelo Bertalmio, Guillermo Sapiro, and Gregory Randall, "Morphing active contours," in *Second International Conference on Scale-Space Theories in Computer Vision, Geometric Image Flows, Nonlinear Diffusion, Functional Minimisation, and Linear Scale-Space. Corfu, Greece*, 26-27 sep 1999.
290. H. Suarez, Pablo Musé, A. Suarez, and M. Arocena, "Postural responses with different visual stimulations in patients with central vestibular disorders," in *Annual MidWinter Meeting of the Association for Research in Otolaryngology. Florida, USA*, 14-18 feb 1999.
291. Gonzalo Casaravilla, "Pscad-emptdc: Experiencias de su utilización en la universidad de la república," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 99. Montevideo, Uruguay*, oct 1999.
292. Ventura Nunes, Mario Vignolo, and Gonzalo Casaravilla, "Reacondicionamiento del laboratorio de fotometría del instituto de ingeniería eléctrica," in *Simposio de Iluminación y Actividad Humana. Tucumán, Argentina*. Universidad de Tucumán, 1999.
293. Marcelo Bertalmio, Guillermo Sapiro, and Gregory Randall, "Region tracking on level-sets methods," *IEEE Transactions on Medical Imaging*, vol. 18, no. 5, pp. 448–451, may 1999.
294. Marcelo Bertalmio, Guillermo Sapiro, and Gregory Randall, *Region tracking on surfaces deforming via level-sets methods*, vol. 1682 of *Lecture Notes in Computer Science*, p. 5869, Springer, 1999, Mads Nielsen, P.Johansen, O.F.Olsen, and J.Weickert, editors, Scale-Space Theories in Computer Vision.

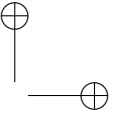
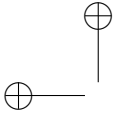




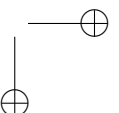
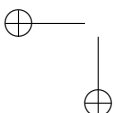
D. Publicaciones 1986-2006

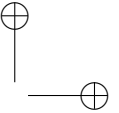
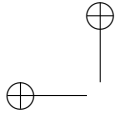
295. Alicia Fernandez and Marcelo Bertalmio, "Registro y clasificación automáticos con perfiles de curvatura," in *Simposio Iberoamericano de Reconocimiento de Patrones, SIARP. La Habana, Cuba*, mar 1999.
296. Alvaro Giusto and Fernando Paganini, "Robust synthesis of feedforward compensators," *IEEE Transactions on Automatic Control*, vol. 44, no. 8, pp. 1578–1582, aug 1999.
297. Juan Pablo Oliver, Andre Fonseca de Oliveira, Julio Pérez Acle, and Rafael Canetti, "Síntesis hardware de redes aln para aplicaciones en control," in *Memorias del VIII RPIC99, Mar del Plata, Argentina*, 23-25 sep 1999.
298. M. Petrucci, Ruben Méndez, Mario Vignolo, and Gonzalo Casaravilla, "Software para la generación de informes de ensayos fotométricos," in *Simposio de Iluminación y Actividad Humana. Tucumán, Argentina*. Universidad Nacional de Tucumán, 1999.
299. Enrique Ferreira and Bruce Krogh, "Training guidelines for neural networks to estimate stability regions," in *Proceedings of 1999 American Control Conference.*, jun 1999, vol. 4, pp. 2829–2833.
300. Isi Haim and Mario Vignolo, "Transferencia de potencia a través de un cuádrupolo," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 99. Montevideo, Uruguay.*, oct 1999.
301. Marcelo Baru, Hugo Valdenegro, Conrado Rossi, and Fernando Silveira, "An ask demodulator in cmos technology," in *Memorias del IV Workshop de Iberchip. Mar del Plata, Argentina*, mar 1998, pp. 37–42.
302. Oscar de Oliveira, G. Eirea, Juan Pablo Oliver, and Julio Pérez Acle, "Analizador lógico de 100mhz utilizando fpga," in *Memorias del IV Workshop de Iberchip. Mar del Plata, Argentina*, 11-13 mar 1998.
303. Alfredo Arnaud, Marcelo Baru, Oscar de Oliveira, Pablo Mazzara, Gonzalo Picun, Conrado Rossi, Fernando Silveira, and Hugo Valdenegro, "Circuitos analógicos de microconsumo y baja tensión de alimentación," in *Memorias del IV Workshop de Iberchip. Mar del Plata, Argentina*, mar 1998, pp. 414–416.
304. Andre Fonseca de Oliveira, "Controladores pid con adaptación borrosa," M.S. thesis, Facultad de Ingeniería, Universidad de la República, 1998.
305. Alfredo Arnaud, Marcelo Baru, Gonzalo Picun, and Fernando Silveira, "Design of a micropower signal conditioning circuit for a piezoresistive acceleration sensor," in *Proceedings of the 1998 IEEE International Symposium Circuits and Systems. ISCAS '98*, 1998, vol. 1, pp. 269–272.
306. Daniel Slomovitz, "Electronic compensation of inductive voltage dividers and standard voltage transformers," *IEEE Transactions on Instrumentation and Measurement*, vol. 47, no. 2, pp. 465–468, apr 1998.
307. Franco Simini, "Equipos y sistemas biomédicos ante el cambio de milenio ¿ están preparados los instrumentos y los programas para el año 2000 ?," *Revista Médica del Uruguay*, vol. 14, dec 1998.
308. Daniel Slomovitz, P. Bergalli, and J. Fernandez Daher, "Evaluation of low-frequency voltage dividers, using the step response," in *Conference on Precision Electromagnetic Measurements. Conference Digest*, 6-10 Jul 1998, pp. 319–320.





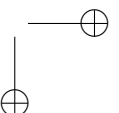
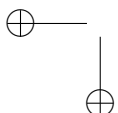
309. Gregory Randall, Alicia Fernandez, O. Trujillo Cenoz, F. Malmierca, P. Morelli, G. Apfelbaum, Marcelo Bertalmio, and Luis Vazquez, "Image enhancement for a low cost tem acquisition system [poster]," in *SPIE BiOS'98. San Jose, California.*, jan 1998.
310. Juan Pablo Oliver, Andre Fonseca de Oliveira, Roberto J. de la Vega, and Rafael Canetti, *Implementation of adaptive logic networks on an FPGA board*, vol. 352 of *Proceedings of SPIE*, pp. 264–273, SPIE, 1998, Configurable Computing: Technology and Applications, John Schewel (ed).
311. Jorge Alonso, "Modelo de la dinámica de las máquinas de inducción," M.S. thesis, Facultad de Ingeniería, Universidad de la República, 1998.
312. Marcelo Bertalmio, Guillermo Sapiro, and Gregory Randall, "Morphing active contours : a geometric approach to topology-independent image segmentation and tracking," in *Proceedings of the International Conference on Image Processing. ICIP 98*, 4-7 Oct 1998, vol. 3, pp. 318–322.
313. Marcelo Bertalmio, "Morphing active contours: a geometric approach to topology-independent image segmentation, tracking, interpolation and morphing," M.S. thesis, Facultad de Ingeniería, Universidad de la República, 1998.
314. Gregory Randall, Alicia Fernandez, O. Trujillo Cenoz, F. Malmierca, P. Morelli, G. Apfelbaum, Marcelo Bertalmio, and Luis Vazquez, "Neuro3d: an interactive 3d reconstruction system of serial sections using automatic registration [presentación oral]," in *SPIE BiOS'98. San Jose, California.*, jan 1998.
315. J. Fernandez Daher, W. Mandl, Daniel Slomovitz, and Leonardo Trigo, "New diagnostic techniques for large utility generators," in *Conference Record of the 1998 IEEE International Symposium on Electrical Insulation.*, 7-10 jun 1998, pp. 288–291.
316. Enrique Ferreira, *Performance characterization and controller scheduling for dynamic systems using neural networks*, Ph.D. thesis, Electrical and Computer Engineering, Carnegie Mellon University, jul 1998.
317. Daniel Slomovitz and C. Faverio, "Power standard based on a high precision power-factor meter," in *Conference on Precision Electromagnetic Measurements. Conference Digest*, 6-10 Jul 1998, pp. 542–543.
318. Luis Vazquez, Guillermo Sapiro, and Gregory Randall, "Segmenting neurons in electronic microscopy via geometric tracing," in *Proceedings of the International Conference on Image Processing. ICIP 98*, 4-7 Oct 1998, vol. 3, pp. 814–818.
319. Luis Vazquez, Guillermo Sapiro, and Gregory Randall, "Segmenting neurons in electronic microscopy via geometric tracing," in *Proceedings of the IEEE International Conference on Image Processing*, 4-8 oct 1998.
320. Enrique Ferreira and Bruce Krogh, *Switching controllers based on neural networks estimates of stability regions and controller performance*, pp. 126–142, Lecture Notes on Computer Science. Springer, 1998, Hybrid systems : computation and control. International workshop No1, Berkeley CA , ETATS-UNIS (13/04/1998).
321. Gonzalo Casaravilla, R. Campos, C. Pivel, A. Rodriguez, and J. Romero, "Tutor del simeep y conred," in *Técnicas Aplicadas a la Enseñanza de la Electrónica. TAEE*, 1998.
322. Marcelo Baru, Oscar de Oliveira, and Fernando Silveira, "A 2v rail-to-rail micropower cmos comparator," *Journal of Solid-State Devices and Circuits, Brazilian Microelectronics Society*, vol. 5, no. 1, pp. 9–13, feb 1997.

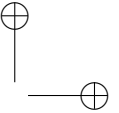
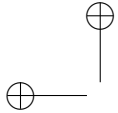




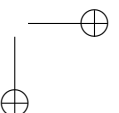
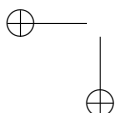
D. Publicaciones 1986-2006

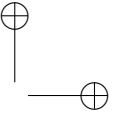
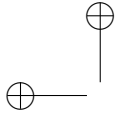
323. Enrique Ferreira and Bruce Krogh, "A new approach for controller scheduling using neural networks," in *Proceedings of 1997 Conference Decision and Control*, 1997.
324. Marcelo Baru, Gonzalo Picun, Oscar de Oliveira, Conrado Rossi, and Fernando Silveira, "Circuitos analógicos de microconsumo y baja tensión de alimentación [poster]," in *Memorias del III Workshop de Iberchip*, feb 1997.
325. Enrique Ferreira and Bruce Krogh, *Controller scheduling using neural networks: implementation and experimental results*, vol. 1567, pp. 86–99, Springer, 1997,
326. Hugo Valdenegro, "Diseño de un amplificador operacional cmos de alta ganancia y muy bajo consumo," in *III Workshop de Iberchip. México.*, feb 1997.
327. Julio Pérez Acle, Juan Pablo Oliver, and Fernando Silveira, "Diseño hardware en uruguay: una alternativa económica y técnicamente viable," in *1er Congreso Uruguayo de Informática*, 24-25 nov 1997.
328. P. Estol Hayward, Franco Simini, and Hector Piriz, "Espirometría dinámica en 200 niños menores de 6 años, sin patología: una aproximación a los patrones normales," *Revista Médica del Uruguay*, vol. 13, no. 3, pp. 191–200, dec 1997.
329. Amalio Saiz de Bustamante, Ventura Nunes, and Vicente Gil Sordo, *Estrategias para el desarrollo del sector energético en el ámbito de los mercados regionales integrados*, SL. España, 1997, Publicación financiada por la Comisión Europea y UNESA.
330. Gonzalo Casaravilla, "Evaluación de los recursos energéticos renovables realizada en uruguay y su aplicación para electrificación rural," *Revista de la Asociación Argentina de Energía Solar, ASADES*, vol. 2, jun 1997.
331. Ventura Nunes, José Cataldo, and Gonzalo Casaravilla, "Evaluación de los recursos energéticos renovables realizada en uruguay y su aplicación para electrificación rural.," *Revista de la Asociación Argentina de Energía Solar, ASADES*, vol. 2, pp. 1–9, jun 1997.
332. Franco Simini, "Incorporación de tecnologías médicas," *INGENIERIA*, , no. 28, pp. 30–37, dec 1997.
333. Franco Simini, "Informática y telemática en medicina entre dos siglos," in *1er Congreso Uruguayo de Informática*, 24-25 nov 1997, CD-ROM.
334. Hugo Valdenegro, "La enseñanza de la microelectrónica en las universidades del mercosur," in *Primer Workshop de Microelectrónica. Asociación de Universidades Grupo Montevideo. Rosario, Argentina*. Universidad Nacional de Rosario., 23-24 oct 1997, pp. 105–107.
335. Franco Simini, Sebastian Gava, and Pablo Musé, "La programación en los equipos médicos: 15 años de evolución," in *1er Congreso Uruguayo de Informática*, 23-24 nov 1997, CD-ROM.
336. G. Eirea, M. Acosta, Raúl Bartesaghi, and Rafael Canetti, "Levitador magnético: un prototipo experimental para la enseñanza y la investigación en el área de control automático," in *Anales del XVII JIEE. Quito , Ecuador*, jul 1997, vol. 17, pp. 95–99.
337. Juan Pechiar and Maria Simon, "Multiplexing real time video services," in *Congreso Argentino de Ciencias de la Computación. La Plata, Argentina.*, 1997, Premiado como mejor artículo del Congreso.





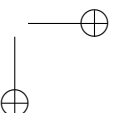
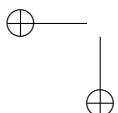
338. Gregory Randall, Alicia Fernandez, O. Trujillo Cenoz, F. Malmierca, P. Morelli, G. Apfelbaum, Marcelo Bertalmio, and Luis Vazquez, "Neuro3d: Un sw para la reconstrucción tridimensional de neuronas," in *Congreso Argentino de Ciencias de la Computación. La Plata, Argentina.*, oct 1997.
339. Gonzalo Casaravilla, "Photovoltaic-wind hybrid systems for remote power supply workshop," in *Anales de Hybrid 95: Software de diseño de sistemas híbridos, Potrerillo de Santa Teresa. Cancun, México.*, 1997.
340. Gonzalo Casaravilla, "Racionalización de la compra de lámparas, balastos y luminarias en el alumbrado público," in *Anales de Luxamerica 1994. Viña del Mar, Chile*, 1997.
341. Ventura Nunes, Gonzalo Casaravilla, and Mario Vignolo, "Racionalización de la compra de lámparas, balastos y luminarias en el alumbrado público," in *Anales de Luxamerica 1997. Valparaíso, Chile*, nov 1997.
342. Fernando Paganini and Alvaro Giusto, "Robust synthesis of dynamic prefilters," in *Proceedings of the American Control Conference.*, 4-6 jun 1997, vol. 2, pp. 1314–1318.
343. Marcelo Baru, Gonzalo Picun, Fernando Silveira, and Rafael Canetti, "Sistema de medida de respuesta en frecuencia de circuitos analógicos," in *III Workshop de Iberchip. México.*, feb 1997.
344. Alfredo Arnaud and Fernando Silveira, "The design methodology of a sample and hold for a low-power sensor interface circuit," in *X Brazilian Symposium on Integrated Circuit Design. Gramado, Brasil*, aug 1997.
345. Enrique Ferreira and Bruce Krogh, "Using neural networks to estimate regions of stability," in *Proceedings of 1997 American Control Conference*, jun 1997, vol. 3, pp. 1989–1993.
346. Pablo Mazzara, "Vhdl y el método de diseño basado en descripción y síntesis," in *III Workshop de Iberchip. México.*, feb 1997.
347. Maria Simon, Juan Pechiar, M. de Oliveira, and Luis Casamayou, *Video coding and ATM statistical bit rate capability*, vol. 3 of *ATM Networks, Performance Modelling and Analysis*, pp. 44–61, Chapman and Hall, 1997,
348. Omar Barreneche, Gabriel Gómez, and Julio Pérez Acle, "20 años de desarrollo de equipos de telecomunicaciones," in *Jornadas de Informática y Telecomunicaciones (VI Seminario de Informática en el Uruguay, II Seminario de Telecomunicaciones en el Uruguay)*, *IEEE Capítulo Uruguay. Montevideo, Uruguay*, 25-27 sep 1996.
349. Marcelo Baru, Oscar de Oliveira, and Fernando Silveira, "A 2v rail-to-rail micropower cmos comparator," in *Proceedings of the XI Conference of the Brazilian Microelectronics Society*, sep 1996.
350. Fernando Silveira, D. Flandre, and P. G. A. Jespers, "A gm/id based methodology for the design of cmos analog circuits and its application to the synthesis of a silicon-on-insulator micropower ota," *IEEE Journal on Solid-State Circuits*, vol. 31, no. 9, pp. 1314–1319, sep 1996.
351. Jorge Alonso, J. Fernandez Daher, and Daniel Slomovitz, "Actuación anómala en la protección homodlar de motores de media tensión. análisis y soluciones," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 96. Montevideo, Uruguay.*, 1996.
352. Luis Casamayou, Eduardo Cota, Juan Pechiar, and Maria Simon, "Coding and multiplexing real time video on the atm sbr capability," in *The Bi-annual International Telecommunications Symposium / Reunión de Otoño de Comunicaciones y Computación. Acapulco, México.*, oct 1996.

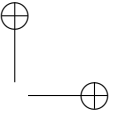
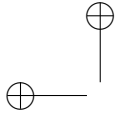




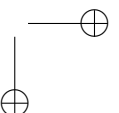
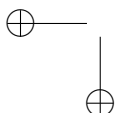
D. Publicaciones 1986-2006

353. M. de Oliveira and Juan Pechiar, "Desarrollo de un sistema de comunicaciones," in *Jornadas de Informática y Comunicaciones (IEEE)*, sep 1996.
354. Alvaro Tuzman, Oscar de Oliveira, and Michel Hakas, "Desarrollo e implementación de algoritmos en tiempo real para un teléfono público sin tubo," in *Anales del II Seminario de Telecomunicaciones en el Uruguay, IEEE*, sep 1996.
355. D. Flandre, Fernando Silveira, J. P. Eggermont, B. Gentinne, V. Dessard, A. Viviani, D. Baldwin, L. Demeus, and P. G. A. Jespers, "Design automation of cmos otas using symbolic analysis and gm/id methodology," in *4th International Workshop on Symbolic Methods and Applications to Circuit Design, Belgium*, oct 1996.
356. Mario Vignolo and Gonzalo Casaravilla, "Ensayos de cortocircuito de transformadores en el uruguay: norma cei 76-5," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 96. Montevideo, Uruguay.*, 1996.
357. Jorge Alonso and Eduardo Cota, "Herramientas de análisis de registros de perturbaciones en redes eléctricas," in *Anales II Simposio Iberoamericano sobre Protección de Sistemas Eléctricos de Potencia*, 1996.
358. Alvaro Giusto, Alexandre Trofino, and Eugênio B. Castelan, "H $[\infty]$ and h $[\text{sub}2]$ design techniques for a class of prefilters," *IEEE Transactions on Automatic Control*, vol. 41, no. 6, pp. 865–870, jun 1996.
359. Alvaro Giusto, "H $[\infty]$ and h $[\text{sub}2]$ robust design techniques for static prefilters," in *IEEE Conference on Decision and Control. Kobe, Japan*, dec 1996, pp. 237–242.
360. Gregory Randall, Alicia Fernandez, P. Morelli, F. Malmierca, G. Apelbaum, Marcelo Bertalmio, and Luis Vazquez, "Mejoramiento de imágenes de microscopía electrónica para reconstrucción tridimensional de neuronas," in *IEEE-Uruguay Workshop on Informatics and Telecommunications*, 1996, pp. 303–322.
361. Ventura Nunes and José Luis Genta, "Micro and mini hydroelectric power assessment in uruguay," in *World Renewable Energy Congress. Denver, USA*, 1996.
362. Alvaro Giusto, Alexandre Trofino, and Eugênio B. Castelan, "Mixed [u / h sub2] techniques for the design of two-degrees-of-freedom controllers," in *XI Congresso Brasileiro de Automática. Sao Paulo, Brasil.*, 1996, pp. 719–724.
363. Gregory Randall, Alicia Fernandez, P. Morelli, F. Malmierca, G. Apelbaum, Marcelo Bertalmio, and Luis Vazquez, "Reconstrucción tridimensional de neuronas, una experiencia de cooperación interdisciplinaria," in *IEEE-Uruguay Workshop on Informatics and Telecommunications*, 1996, pp. 323–344.
364. Cesar Briozzo, Gonzalo Casaravilla, Ruben Chaer, and Juan Pablo Oliver, "Simenerg: the design of autonomous systems," in *World Renewable Energy Congress. Denver, USA*, jun 1996.
365. M. Gibson, Enrique Ferreira, X. Cheng, T. Knight, D. Greve, and Bruce Krogh, "System identification methods for plasma enhanced chemical vapor deposition," in *13th IFAC World Congress*, jul 1996.
366. J. Doumarco, B. Zimberg, and Mario Vignolo, "Use of solar energy in the elaboration of salted dried fish," in *World Renewable Energy Congress. Denver, USA*, 1996.
367. Gonzalo Casaravilla, Ruben Chaer, and Wadaed Uturbey, "Utilización de simeep en la enseñanza de electrónica de potencia aplicada al tema inversores," in *Técnicas Aplicadas a la Enseñanza de la Electrónica. TAEE. Sevilla, España.*, nov 1996.





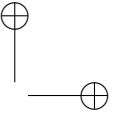
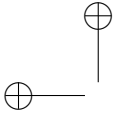
368. Maria Simon, Juan Pechiar, M. de Oliveira, and Luis Casamayou, "Video coding and atm statistical bit rate capability," in *Fourth IFIP workshop on performance modelling and evaluation of ATM networks*. Ikey, UK, jul 1996.
369. José Cataldo and Ventura Nunes, "Wind power assessment in uruguay," in *World Renewable Energy Congress. Denver, USA*, 1996.
370. Conrado Rossi, "Algoritmo para eliminación de rebotes," *Nueva Telegráfica Electrónica*, , no. 9, pp. 96–98, mar 1995.
371. Pablo Darscht and C. E. Pereira, "An object-oriented approach to handle complex real-time industrial automation projects," in *Proceedings of the First IEEE International Conference on Engineering of Complex Computer Systems. Held jointly with 5th CSESAW, 3rd IEEE RTAW and 20th IFAC/IFIP WRTP.*, 6-10 nov 1995, pp. 302–305.
372. Fernando Silveira, "Analog design in soi technology: micropower and high temperature applications," M.S. thesis, Microelectronics Laboratory, Université Catholique de Louvain (Belgium), 1995.
373. Pablo Darscht, A. H. Frigeri, and C. E. Pereira, "Building up object-oriented industrial automation systems: experiences interfacing active objects with technical plants," in *Proceedings of the IEEE International Workshop on Factory Communication Systems. WFCS '95*, 4-6 oct 1995, pp. 53–61.
374. Alvaro Giusto, "Controle robusto. teoria e aplicacao no projeto de controladores de dois graus de liberdade," M.S. thesis, Universidade Federal de Santa Catarina, mai 1995.
375. G. Coppola, A. Paz, Franco Simini, and G. Tamosiunas, "Farcar-94. un sistema de adquisición y análisis en tiempo real de señales biológicas para investigación farmacológica," in *Jornadas Científicas de la Sociedad Uruguaya de Biociencias, 7; Piriápolis*, 28 - 30 abr 1995, p. 77.
376. Maria Simon, Luis Casamayou, P. Villegas, and M. Roser, "Improved quality video coding for cbr transmission: bit production control and pre-analysis," in *Proceedings of the 38th Midwest Symposium on Circuits and Systems*, 13-16 Aug 1995, vol. 2, pp. 842–844.
377. Fernando Silveira, D. Flandre, and P. G. A. Jespers, "La tecnología cmos sobre soi (silicon-on-insulator) para aplicaciones analógico-digitales de baja tensión y bajo consumo," in *II Simposio Nacional de Microelectrónica de la República Argentina. Rosario, Argentina*, nov 1995.
378. José Luis Genta, A. Acosta, Ventura Nunes, and Ruben Chaer, "Microaprovechamientos hidroeléctricos en zonas de poca pendiente y gran variación de caudal," in *Hidroenergía '95. La Habana, Cuba*, 1995.
379. G. Facelli, L. Gesto, J. Hurtado, R. Rego, and Franco Simini, "Monres: monitor de la función respiratoria," in *Jornadas Científicas de la Sociedad Uruguaya de Biociencias, 7; Piriápolis*, 28 - 30 abr 1995, p. 77.
380. J. P. Colinge, J. P. Eggermont, D. Flandre, P. Francis, P. G. A. Jespers, and Fernando Silveira, "Potential of soi for low-power design. (digital and analog)," in *10th Congress of the Brazilian Microelectronics Society (X SBMICRO). Canela, Brasil.*, jul 1995.
381. Pablo Mazzara, Conrado Rossi, and Hugo Valdenegro, "Primera experiencia de diseño de circuitos integrados realizada en uruguay," in *Memorias del I Workshop de Iberchip, Cartagena de Indias, Colombia*. 6-10 feb 1995, pp. 133–135, Centro de Publicaciones, Universidad de los Andes, Bogotá.



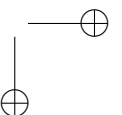
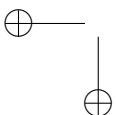


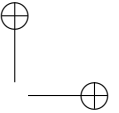
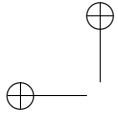
D. Publicaciones 1986-2006

382. Ventura Nunes, Cesar Briozzo, Raúl Zeballos, Ruben Chaer, José Cataldo, and José Luis Genta, "Renewable energy resource assessment in uruguay," in *Anales del III Congreso Internacional Energía, Ambiente e Innovación Tecnológica. Caracas, Venezuela.*, nov 1995.
383. Ruben Chaer, "Simlux. programa de cálculo para iluminación de espacios abiertos," in *Anales de Luxamerica 1995. Montevideo, Uruguay*, 1995.
384. R. Sanguinetti and Franco Simini, "Sistemas de adquisición de señales biológicas," in *Jornadas Científicas de la Sociedad Uruguaya de Biociencias*, 7; Piriápolis, 28 - 30 abr 1995, p. 78.
385. Gonzalo Casaravilla, "Tools for design and evaluation of photovoltaic installations," in *Anales del III Congreso Internacional Energía, Ambiente e Innovación Tecnológica. Caracas, Venezuela.*, 6-11 nov 1995.
386. Gonzalo Casaravilla, Ruben Chaer, and Juan Pablo Oliver, "Tools for design and evaluation of photovoltaic installations," in *Memorias del III Congreso Internacional Energía, Ambiente e Innovación Tecnológica. Caracas, Venezuela.*, 6-44 nov 1995.
387. Gonzalo Casaravilla, Juan Luján, R. Normey, and Juan Pablo Oliver, "Adquisidor de bajo consumo para seguimiento de sistemas autónomos. experiencia de su instalación en una escuela rural," in *Anales de la Reunión de Trabajo de la Asociación Argentina de Energía Solar (ASADES) Rosario, Argentina*, oct 1994.
388. Gregory Randall, *Diseño de Sistemas a Base de DSP*, Centro de Estudiantes de Ingeniería. Montevideo, Uruguay, nov 1994.
389. S. Basalo, P. Estol Hayward, and Franco Simini, "Pulmosys: clinical system for estimation of neonatal ventilatory mechanics," *Physics in Medicine and Biology*, vol. 39, no. 1, pp. 898, 1994, Presentado en: World Congress on Medical Physics and Biomedical Engineering; Río de Janeiro, 21-26 Aug. 1994.
390. Ruben Chaer and Juan Pablo Oliver, "Sistemas viento-diesel, una alternativa para la electrificación rural," in *Encuentro de Energías Alternativas. Montevideo, Uruguay*. Dirección Nacional de Energía, may 1994.
391. S. Basalo, Franco Simini, and P. Estol Hayward, "Systematic errors in pulmonary mechanics parameter extraction with the least mean square (lms) method," *Physics in Medicine and Biology*, vol. 39, no. 1, pp. 897, 1994, Presentado en: World Congress on Medical Physics and Biomedical Engineering; Río de Janeiro, 21-26 Aug. 1994.
392. Franco Simini, "Ten years of biomedical instrumentation design in uruguay," *Physics in Medicine and Biology*, vol. 39, no. 1, pp. 591, 1994, Presentado en: World congress on Medical Physics and Biomedical Engineering; Río de Janeiro, 21-26 Aug. 1994.
393. José Luis Genta, A. Acosta, Ventura Nunes, and Ruben Chaer, "Utilización de micro-turbinas para la generación eléctrica en el medio rural," in *Anales de la Reunión de Trabajo de la Asociación Argentina de Energía Solar (ASADES) Rosario, Argentina*, nov 1994.
394. Cesar Briozzo, Ventura Nunes, José Cataldo, and P. Mosto, "Wind energy activities in uruguay," in *EWEC' 94, European Wind Energy Association Conference and Exhibition. Thessaloniki, Greece*, 1994.
395. Franco Simini, "Xxi century biomedical engineering in latin america: top quality or disappear," *Physics in Medicine and Biology*, vol. 39, no. 1, pp. 240, 1994, Presentado en: World Congress on Medical Physics and Biomedical Engineering; Río de Janeiro, 21-26 Aug. 1994.



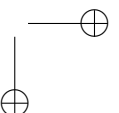
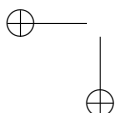
396. Gonzalo Casaravilla, "Accionamiento de contactores con fuentes de continua de alta impedancia," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 93. Montevideo, Uruguay.*, set 1993.
397. Gonzalo Casaravilla and Wadaed Uturbey, "Acumulación de energía en sistemas autónomos: baterías secundarias," in *XIV Conferencia Latinoamericana de Electrificación Rural. CLER. Punta del Este, Uruguay*, oct 1993.
398. Hernán Artucio, F. Crego, J. Depaula, Alvaro Giusto, Juan José Pérez, Daniel Rivara, and Franco Simini, "Autovent: Control automático de la ventilación artificial," in *XVI Congreso Mexicano de Ingeniería Biomédica; Durango, Mexico*, sep 1993.
399. Ruben Chaer and Julio Pérez Acle, "Diseño en el espacio de estado de un controlador no lineal para un motor dc," in *Anales de las Jornadas en Ingeniería Eléctrica y Electrónica. Quito, Ecuador*, jul 1993.
400. Juan Pablo Oliver, "Diseño y construcción de un registrador de velocidad y dirección de viento para la evaluación del potencial eólico," in *XIV Jornadas de Ingeniería Eléctrica y Electrónica. Quito Ecuador. Escuela Politécnica Nacional*, jul 1993.
401. José Luis Genta, L. Silveira, Carlos Anido, A. Acosta, José Cataldo, F. Charbonier, Ventura Nunes, Ruben Chaer, and Jorge Alonso, "Estudio para la instalación de microturbinas en zonas alejadas de la red eléctrica nacional," Tech. Rep., Informe final del convenio de Facultad de Ingeniería con UTE, jun 1993.
402. J. Doumarco, B. Zimberg, and Mario Vignolo, "Insolar temporary series synthesis on an inclined and oriented plane," in *XIV Conferencia Latinoamericana de Electrificación Rural, CLER. Punta del Este, Uruguay*, oct 1993.
403. Jorge Alonso, "Normalización del equipamiento de protección; criterios técnicos económicos para la especificación y adjudicación," in *II Simposio Iberoamericano Sobre Protección de Sistemas Eléctricos de Potencia. México*, nov 1993.
404. Ruben Chaer, Raúl Zeballos, Wadaed Uturbey, and Gonzalo Casaravilla, "Simenerg: A novel tool for designing autonomous electricity systems," in *European Community Wind Energy Conference and Exhibitions, Lubeck-Travemunde, Alemania*, 8-12 mar 1993.
405. Ruben Chaer and Raúl Zeballos, "Simenerg: modelo de simulación para el diseño y análisis del comportamiento de sistemas autónomos de energía eléctrica," in *XIV Conferencia Latinoamericana de Electrificación Rural, CLER. Punta del Este, Uruguay*, oct 1993.
406. Jimmy Baikovicious and L. Gerencser, "Applications of stochastic complexity and related computational experiments," in *Proceedings of the 31st IEEE Conference on Decision and Control*, 16-18 dec 1992, vol. 4, pp. 3311-3316.
407. Pablo Belzarena, P. Chavarría, and Stella Bonino, "Control del péndulo invertido," in *Proceedings of INGELECTRA, IEEE, Arica*, 1992.
408. Ruben Chaer, "Aspectos particulares de la simulación de circuitos de electrónica de potencia," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 91. Montevideo, Uruguay.*, 1991.
409. F. Crego, Juan José Pérez, and Alvaro Giusto, "Autovent : hacia el control automático de la ventilación artificial de pacientes graves," in *VI Jornadas de la Sociedad Uruguaya de Biociencias. Piriápolis, Uruguay.*, oct 1991.

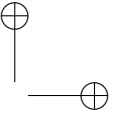
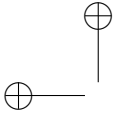




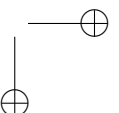
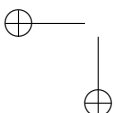
D. Publicaciones 1986-2006

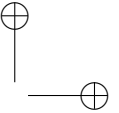
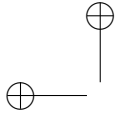
410. F. Crego, J. Depaula, Alvaro Giusto, Juan José Pérez, Daniel Rivara, and Franco Simini, "Autovent91: hacia el control automático de la ventilación artificial de pacientes graves," in *VI Jornadas de la Sociedad Uruguaya de Biociencias. Piriápolis, Uruguay*, oct 1991.
411. Isi Haim, "Comentarios sobre el método de blondel para la medición de la potencia consumida en un receptor trifásico," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 91. Montevideo, Uruguay.*, 1991.
412. J. C. Velluti, Franco Simini, and E. Garcia-Austt, "Electroencephalogram in vitro and cortical transmembrane potentials in the turtle chrysemys d'orbigny," *Brain, Behaviour and Evolution*, , no. 38, pp. 7–19, 1991.
413. L Gaggero and Jorge Alonso, "Experiencia en el desarrollo de un registrador digital de perturbaciones," *Revista de Ingeniería (tercera época)*, vol. 3, no. 9, pp. 30–33, 1991.
414. L. Gerencser and Jimmy Baikovicious, "Model selection, stochastic complexity and badness amplification," in *Proceedings of the 30th IEEE Conference on Decision and Control*, 11-13 dec 1991, vol. 2, pp. 1999–2004.
415. Jorge Alonso, "Modelo de la máquina asíncrona saturada," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 91. Montevideo, Uruguay.*, 1991.
416. M. Beron, G. Chapt, L. Chapt, J. Depaula, R. Sanguinetti, and Franco Simini, "Monse90: monitor de señales respiratorias y hemodinámicas con procesamiento de parámetros fisiológicos," in *VI Jornadas de la Sociedad Uruguaya de Biociencias. Piriápolis, Uruguay*, oct 1991.
417. Omar Barreneche, Pablo Darscht, Gabriel Gómez, and Julio Pérez Acle, "Registrador de perturbaciones de la red eléctrica," in *Anales del 2o. Seminario de Estado de la Informática en el Uruguay, IEEE. Montevideo, Uruguay*, jul 1991.
418. Juan Luján, Pablo Mazzara, Juan Pablo Oliver, and Fernando Silveira, "Registrador de perturbaciones para la red eléctrica," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 91. Montevideo, Uruguay.*, 1991.
419. J. Cabrera, F. Peña, A. Borchardt, and Jorge Alonso, "Sobrecarga del anillo colector de monteideo: alternativas de solución analizadas," in *CIER, SISE*, 1991.
420. F. Boions, Ruben Chaer, P. Chavarría, and Andre Fonseca de Oliveira, "Software desarrollado y proyectado para el laboratorio de fotometría del iie," in *Encuentro de Potencia, Instrumentación y Medidas, EPIM 91. Montevideo, Uruguay.*, 1991.
421. E. Cassou, J. L. Diaz Rossello, Franco Simini, and J. Stolovich, "Taconatal: monitor del ritmo cardíaco por procesamiento de la señal acústica de recién nacidos en tratamiento intensivo," in *VI Jornadas de la Sociedad Uruguaya de Biociencias. Piriápolis, Uruguay*, oct 1991.
422. D. Delisante, P. Delprato, Franco Simini, and Wadaed Uturbey, "Vesti90: equipo para el estudio de la respuesta oculomotora a estímulos periódicos y aleatorios.," in *VI Jornadas de la Sociedad Uruguaya de Biociencias. Piriápolis, Uruguay*, oct 1991.
423. R. Lamas and J. Kiedanski, "Adquisición mediante cámara ccd," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay. Facultad de Ingeniería, Universidad de la República*, 18 -19 oct 1990.





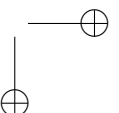
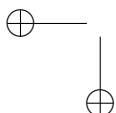
424. R. Lazo, J. Montagne, and D. Moreno, "Analizador automático de bandas base," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
425. A. Portillo and A. Azziz, "Cálculo de las fuerzas de cortocircuito en transformadores," in *7ma. Convención de Distribución Eléctrica y Exposición Electrotécnica (CEDE)*. Buenos Aires, Argentina., 5 set 1990.
426. A. Portillo and A. Azziz, "Cálculo de las fuerzas de cortocircuito en transformadores," in *Proceedings of the First International Conference on Power Distribution. Belo Horizonte, Brasil.*, 11-14 nov 1990.
427. Jimmy Baikovicious and L. Gerencser, "Change point detection in a stochastic complexity framework," in *Proceedings of the 29th IEEE Conference on Decision and Control*, 5-7 dec 1990, vol. 6, pp. 3554–3555.
428. Gonzalo Casaravilla and Fernando Silveira, "comando por emisor: un método para comando de transistores bipolares para conmutación de potencia a 100 khz," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
429. Luis Ferrari, "Desarrollo de un anemómetro," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
430. Julio Pérez Acle and Ruben Chaer, "Diseño y construcción de un controlador para un chopper a tiristores," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
431. Rafael Canetti and Carlos López, "Diseño y construcción de un robot posicionador tridimensional," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
432. Gonzalo Casaravilla and Fernando Silveira, "Drive por emisor: un método para comandar un transistor bipolar conmutando a 100khz," in *VI Seminario Estudiantil de Ingeniería Eléctrica, Electrónica e Informática. INGELECTRA. Valdivia, Chile*, 28-30 aug 1990, pp. 23–32.
433. Gonzalo Casaravilla and Fernando Silveira, "Emitter drive : a technique to drive a bipolar power transistor switching at 100 khz," in *Proceedings of the 1990 IEEE Colloquium in South America*, 31 Aug-15 Sep 1990, pp. 188–192.
434. Gerardo Otero and E. Penza, "Estudio de factibilidad del tercer transformador de 500 kv para montevideo," in *2do Seminario de Ingeniería de Ute. Montevideo, Uruguay.*, 1990.
435. Juan Grompone and Omar Barreneche, "Expanding the uruguayan public packet network: new architectures for the main switch," in *Proceedings of the 1990 IEEE Colloquium in South America*, 31 aug - 15 sep 1990, pp. 68–71.
436. Luis Casamayou and Pablo Belzarena, "Medición de esfuerzos estáticos y dinámicos en estructuras," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.

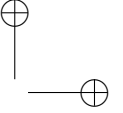
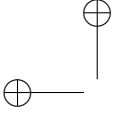




D. Publicaciones 1986-2006

437. G. Chapt, L. Chapt, R. Sanguinetti, and Franco Simini, "Monse90: desarrollo de un equipo de monitoreo de señales de pacientes de cti," in *Congreso de la Sociedad Argentina de Bioingeniería; Tucumán, Argentina*, 1990.
438. Ruben Chaer, "On the numerical integration of the state equation," in *IEEE Workshop on Computers in Power Electronics*, 5-7 aug 1990, pp. 13-29.
439. E. Penza and A. Tozzo, "Parques eólicos en el uruguay: aspectos eléctricos y métodos de optimización," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
440. A. Portillo and A. Azziz, "Programas de cálculo para el diseño de transformadores," in *Coloquio de la IEEE. Montevideo, Uruguay*, 1990.
441. Agustín Cisa, Rafael Guarga, Cesar Briozzo, C. Lopez, José Cataldo, A. Acosta, V. Xavier, J. Estrada, G. Maggiolo, R. Rosenblat, F. Martinez, R. Cabrera, Rafael Canetti, Jorge Alonso, A. Tozzo, E. Penza, and R. Lamas, "Proyecto de evaluación del potencial eólico nacional," Tech. Rep., Informe final convenio Facultad de Ingeniería con UTE, dec 1990.
442. Omar Barreneche and Fernando Silveira, "Registrador de perturbaciones en la red eléctrica," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
443. Rafael Canetti, Carlos López, and R. Lamas, "Robot posicionador de instrumentos para el túnel de viento," in *Memorias del XIV Congreso Latinoamericano de Hidráulica. Montevideo, Uruguay*, nov 1990, pp. 1779-1787.
444. Ruben Chaer, "Simulación de circuitos de electrónica de potencia," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
445. Alvaro Luna and Rafael Piestun, "Sistema adquisidor de datos ambientales a aplicaciones agrometeorológicas," in *VI Seminario Estudiantil de Ingeniería Eléctrica, Electrónica e Informática. INGELECTRA. Valdivia, Chile*, 28-30 aug 1990, pp. 7-13.
446. Rafael Piestun and Alvaro Luna, "Sistema adquisidor de datos ambientales a aplicaciones agrometeorológicas," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
447. Pablo Darscht, E. Rován, and Juan Luján, "Sistema adquisidor de datos para pc," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
448. Maria Simon, "Técnicas de tratamiento digital de imágenes," in *Encuentro de Tecnología Nacional: Realidades y Posibilidades. Montevideo, Uruguay*. Facultad de Ingeniería, Universidad de la República, 18 -19 oct 1990.
449. Omar de León, "Teoría electromagnética básica de las antenas," *INGENIERIA*, vol. 18, no. 1, pp. 79-83, oct 1990.
450. Rafael Canetti and M. España, "Convergence analysis of the least-squares identification algorithm with variable forgetting factor for time varying linear systems," *Automatica*, vol. 25, no. 4, pp. 609-612, jul 1989.





451. M. España and Rafael Canetti, "Convergencia y transitorios abruptos en la identificación adaptable de sistemas," in *Memorias de la 3a. Reunión de trabajo en procesamiento de la información. III RPIC. La Plata, Argentina*, 24-28 jul 1989.
452. Daniel Slomovitz, "Correction of power transformer no-load losses, measured under nonsinusoidal voltage waveforms," *IEE Proceedings on Generation, Transmission and Distribution*, vol. 136, no. 1, pp. 42-47, jan 1989.
453. Ventura Nunes, "Electrificación de las cuencas arrocera y lechera," in *Simposio Energía en el Uruguay: estado actual y perspectivas*. Asociación de Ingenieros del Uruguay, 1989.
454. Ventura Nunes, "Sistema de trasmisión," in *Simposio Energía en el Uruguay: estado actual y perspectivas*. Asociación de Ingenieros del Uruguay, 1989.
455. Daniel Slomovitz, "Electronic compensation of voltage transformers," *IEEE Transactions on Instrumentation and Measurement*, vol. 37, no. 4, pp. 652-654, dec 1988.
456. Rafael Canetti and M. España, "Variable forgetting factor least squares identification algorithm: a convergence analysis," in *Identification and System Parameter Estimation 1988 - Selected papers from the 8th. IFAC/ IFORS Symposium, Beijing, China*. 27-31 aug 1988, Pergamon Press.
457. Rafael Canetti and M. España, "Convergence analysis of the least squares identification algorithm with variable forgetting factor for time varying linear systems," in *First International Conference on Industrial and Applied Mathematics. Paris, France*, jun-jul 1987.
458. M. España and Rafael Canetti, "Predicción de escurrimiento con base en un predictor multipasos autosintonizable," in *Memorias de la Primera Bienal Iberoamericana de Sistemas de información Hídrica. Buenos Aires, Argentina*, 10-14 nov 1986.
459. L. Alvarez-Icaza, M. Dovali, Rafael Canetti, and F.Ñieto, "Cortadora automática de tubos," in *Memorias del IX Congreso de la Academia Nacional de Ingeniería. León, Guanajuato. México*, 28-30 sep 1983, pp. 107-112.

