



Nombres:

GONZALO RICARDO

Apellidos:

ROBLEDO VELOSO

Contacto (Opcional):

GROBLEDO@UCHILE.CL

Título Profesional o Grado Académico (incluya el año de obtención):

LICENCIATURA EN CIENCIAS C/M EN MATEMÁTICAS, UNIVERSIDAD DE CHILE, 1998.

Estudios de Postgrado o Especialización (institución donde lo obtuvo y año de obtención):

MAGISTER EN CIENCIAS MATEMÁTICAS, UNIVERSIDAD DE CHILE, 1999. DEA (DIPLOME D'ETUDES APPROFONDIES) EN MATEMÁTICAS APLICADAS, UNIVERSITÉ DE PAU, FRANCE 2002. DOCTEUR EN SCIENCES DE L'UNIVERSITÉ DE NICE – SOPHIA ANTIPOLIS, FRANCE 2006.

Actividad Actual e Institución en la cual trabaja:

PROFESOR ASISTENTE DE LA UNIVERSIDAD DE CHILE. DEPARTAMENTO DE MATEMÁTICAS, FACULTAD DE CIENCIAS.

Reseña de su actividad laboral actual:

Área de Investigación: Ecuaciones diferenciales, Biología Matemática.

DOCENCIA:

PORTAFOLIO ACADÉMICO, U. DE CHILE

; Tópicos en Dicotomía y Estabilidad; CS04046; 2015; PROF. RESPONSABLE

Pregrado; Calculo I; MC-130; 2015; PROF. RESPONSABLE
Pregrado; Calculo en Varias Variables; MC-330; 2015; PROF. RESPONSABLE
Pregrado; Calculo I; MC130; 2015; PROF. RESPONSABLE
Pregrado; Unidad de Investigacion; MC880; 2015; PROF. RESPONSABLE
Pregrado; Baui tópicos matemáticos en dinámica de poblaciones; CS02060; 2014;
COORDINADOR
Pregrado; Teoría Cualitativa de Ecuaciones Diferenciales; CS04019; 2014;
COORDINADOR
Pregrado; Teoría cualitativa de ecuaciones diferenciales II; CS04030; 2014;
COORDINADOR
Pregrado; CALCULO EN VARIAS VARIABLES; MC-330; 2014; COORDINADOR
Pregrado; CALCULO I; MC130; 2014; COORDINADOR
Pregrado; UNIDAD DE INVESTIGACION; MC880; 2014; COORDINADOR
Pregrado; Tópicos en ecuaciones diferenciales; CS04004; 2013; COORDINADOR
Pregrado; Introducción a la teoría de control; CS04008; 2013; COORDINADOR
Pregrado; CALCULO EN VARIAS VARIABLES; MC-330; 2013; COORDINADOR
Pregrado; UNIDAD DE INVESTIGACION; MC880; 2013; COORDINADOR
Pregrado; SEMINARIO; SS100; 2013; COORDINADOR
Pregrado; METODOS Y APLICACIONES DE LAS ECUACIONES DIFERENCIALES;
MC 441; 2012; COORDINADOR
Pregrado; ALGEBRA LINEAL Y CALCULO VECTORIAL; MC340; 2012;
COORDINADOR
Pregrado; UNIDAD DE INVESTIGACION; MC880; 2012; COORDINADOR
Pregrado; CALCULO I; MC-130; 2011; COORDINADOR
Pregrado; TUTORIAL; TUTORIAL; 2011; COORDINADOR

PUBLICACIONES INDEXADAS:

Scopus
EXPORT DATE:06 Jan 2016

Castañeda, A., Robledo, G.
Differentiability of Palmer's linearization theorem and converse result for density
functions
(2015) Journal of Differential Equations, 259 (9), pp. 4634-4650.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84938210523&partnerID=40&md5=b58bf3ccb8abc73bafcc9c88b292d504>
DOI: 10.1016/j.jde.2015.06.004
DOCUMENT TYPE: Article

Córdova-Lepe, F., Robledo, G., Cabrera-Villegas, J.
Population Growth Modeling with Boom and Bust Patterns: The Impulsive Differential
Equation Formalism
(2015) Journal of Biological Systems, 23, pp. S135-S149.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84940389551&partnerID=40&md5=63e96e1e64cbbdfd344272ecb8577e92>
DOI: 10.1142/S0218339015400112
DOCUMENT TYPE: Conference Paper

Pinto, M., Robledo, G.
Controllability and Observability for a Linear Time Varying System with Piecewise
Constant Delay
(2015) Acta Applicandae Mathematicae, 136 (1), pp. 193-216.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-84924851294&partnerID=40&md5=c14847ce4451dc04e9ad9003278f7564>
DOI: 10.1007/s10440-014-9954-4
DOCUMENT TYPE: Article

Córdova-Lepe, F., Valle, R.D., Robledo, G.
Stability analysis of a self-cycling fermentation model with state-dependent impulse times
(2014) *Mathematical Methods in the Applied Sciences*, 37 (10), pp. 1460-1475. Cited 2 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84902291377&partnerID=40&md5=3f72f0248d84f738854a4a531f987f66>
DOI: 10.1002/mma.2907
DOCUMENT TYPE: Article

Pinto, M., Robledo, G.
Diagonalizability of nonautonomous linear systems with bounded continuous coefficients
(2013) *Journal of Mathematical Analysis and Applications*, 407 (2), pp. 513-526. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84879780093&partnerID=40&md5=a6bac7222e42dc2302f5cccc7519f415>
DOI: 10.1016/j.jmaa.2013.05.038
DOCUMENT TYPE: Article

Córdova-Lepe, F., Valle, R.D., Robledo, G.
A pulse fishery model with closures as function of the catch: Conditions for sustainability
(2012) *Mathematical Biosciences*, 239 (1), pp. 169-177. Cited 2 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84863474325&partnerID=40&md5=c614ee08ca49a77abcd0a2511be48326>
DOI: 10.1016/j.mbs.2012.04.004
DOCUMENT TYPE: Article

Robledo, G., Grogard, F., Gouzé, J.-L.
Global stability for a model of competition in the chemostat with microbial inputs
(2012) *Nonlinear Analysis: Real World Applications*, 13 (2), pp. 582-598. Cited 3 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-80054884852&partnerID=40&md5=02772ff283a4744b48e674692c28c7e9>
DOI: 10.1016/j.nonrwa.2011.07.049
DOCUMENT TYPE: Article

Córdova-Lepe, F., Robledo, G., Pinto, M., González-Olivares, E.
Modeling pulse infectious events irrupting into a controlled context: A SIS disease with almost periodic parameters
(2012) *Applied Mathematical Modelling*, 36 (3), pp. 1323-1337. Cited 6 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-83655167304&partnerID=40&md5=0da0ee1e760664363f882faf66bd8882>
DOI: 10.1016/j.apm.2011.07.085
DOCUMENT TYPE: Article

Pinto, M., Robledo, G.
Cauchy matrix for linear almost periodic systems and some consequences
(2011) *Nonlinear Analysis, Theory, Methods and Applications*, 74 (16), pp. 5426-5439. Cited 4 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-79959726416&partnerID=40&md5=45549e78c10a75e9126d4a3ce426e769>
DOI: 10.1016/j.na.2011.05.027
DOCUMENT TYPE: Article

Córdova-Lepe, F., Del Valle, R., Robledo, G.
A pulse vaccination strategy at variable times depending on incidence
(2011) *Journal of Biological Systems*, 19 (2), pp. 329-344. Cited 4 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-79960353596&partnerID=40&md5=b6fe6b8005c425e613d5dbc4db9ecf28>
DOI: 10.1142/S0218339011003907
DOCUMENT TYPE: Article

Pinto, M., Robledo, G.
Existence and stability of almost periodic solutions in impulsive neural network models
(2010) *Applied Mathematics and Computation*, 217 (8), pp. 4167-4177. Cited 10 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-78649945641&partnerID=40&md5=11ae1256045924850bde09f6b497f188>
DOI: 10.1016/j.amc.2010.10.033
DOCUMENT TYPE: Article

Pinto, M., Torres, V., Robledo, G.
Asymptotic equivalence of almost periodic solutions for a class of perturbed almost periodic systems
(2010) *Glasgow Mathematical Journal*, 52 (3), pp. 583-592. Cited 2 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-78650291854&partnerID=40&md5=077aa967f530773dfd3cc6f01d5b55c1>
DOI: 10.1017/S0017089510000443
DOCUMENT TYPE: Article

Robledo, G.
Feedback stabilization for a chemostat with delayed output
(2009) *Mathematical Biosciences and Engineering*, 6 (3), pp. 629-647. Cited 7 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-70349640195&partnerID=40&md5=01393937c4842ca90c30c3d3c5965fee>
DOI: 10.3934/mbe.2009.6.629
DOCUMENT TYPE: Article

Gouzé, J.-L., Robledo, G.
Feedback control for competition models with mortality in the chemostat
(2006) *Proceedings of the IEEE Conference on Decision and Control*, art. no. 4177215, pp. 2098-2103. Cited 2 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-39649124439&partnerID=40&md5=cae56c72aaeadf53213f3f51df05d57c>
DOCUMENT TYPE: Conference Paper

Gouze, J.-L., Robledo, G.
Robust control for an uncertain chemostat model
(2006) *International Journal of Robust and Nonlinear Control*, 16 (3), pp. 133-155. Cited 20 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-31544471796&partnerID=40&md5=f0e51d33627ce543dd3cc2590724518b>
DOI: 10.1002/rnc.1047
DOCUMENT TYPE: Article

Gouzé, J.-L., Robledo, G.

Feedback control for nonmonotone competition models in the chemostat
(2005) *Nonlinear Analysis: Real World Applications*, 6 (4), pp. 671-690. Cited 24 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-15844396415&partnerID=40&md5=5946a3b76e677d08019c163f57e53a4b)

[15844396415&partnerID=40&md5=5946a3b76e677d08019c163f57e53a4b](http://www.scopus.com/inward/record.url?eid=2-s2.0-15844396415&partnerID=40&md5=5946a3b76e677d08019c163f57e53a4b)

DOI: 10.1016/j.nonrwa.2004.12.003

DOCUMENT TYPE: Article

Liz, E., Pinto, M., Robledo, G., Trofimchuk, S., Tkachenko, V.

Wright type delay differential equations with negative schwarzian

(2003) *Discrete and Continuous Dynamical Systems*, 9 (2), pp. 309-321. Cited 21 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-0037357623&partnerID=40&md5=f262771c8722b5ce6ae6ea046be1549b)

[0037357623&partnerID=40&md5=f262771c8722b5ce6ae6ea046be1549b](http://www.scopus.com/inward/record.url?eid=2-s2.0-0037357623&partnerID=40&md5=f262771c8722b5ce6ae6ea046be1549b)

DOCUMENT TYPE: Article

PROYECTOS DE INVESTIGACIÓN:

01-DOCBID-20. Concurso : Becas de Postgrado - Becas de Doctorado BID Sophia-Antipolis 2001, Beca de Doctorado Robledo Veloso, Gonzalo Ricardo.