

AURORA HERMOSO CARAZO

Grupo de Investigación: **CÁLCULO ESTOCÁSTICO** (Cod.: FQM157)

Departamento: Universidad de Granada. Estadística e Investigación Operativa

Correo electrónico: ahermoso@ugr.es

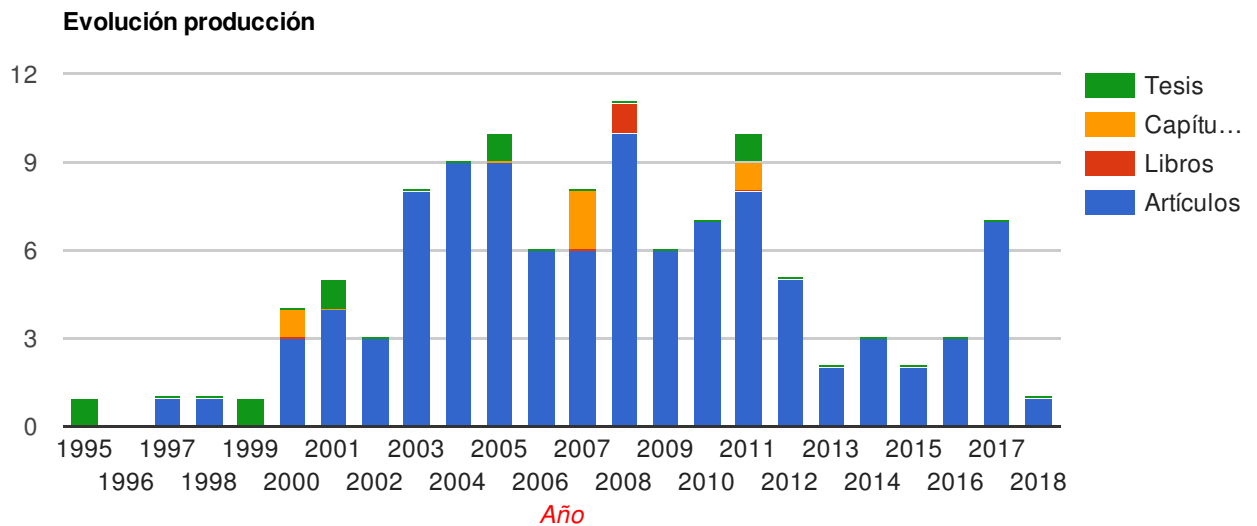
Código: 27719



Ficha del Directorio

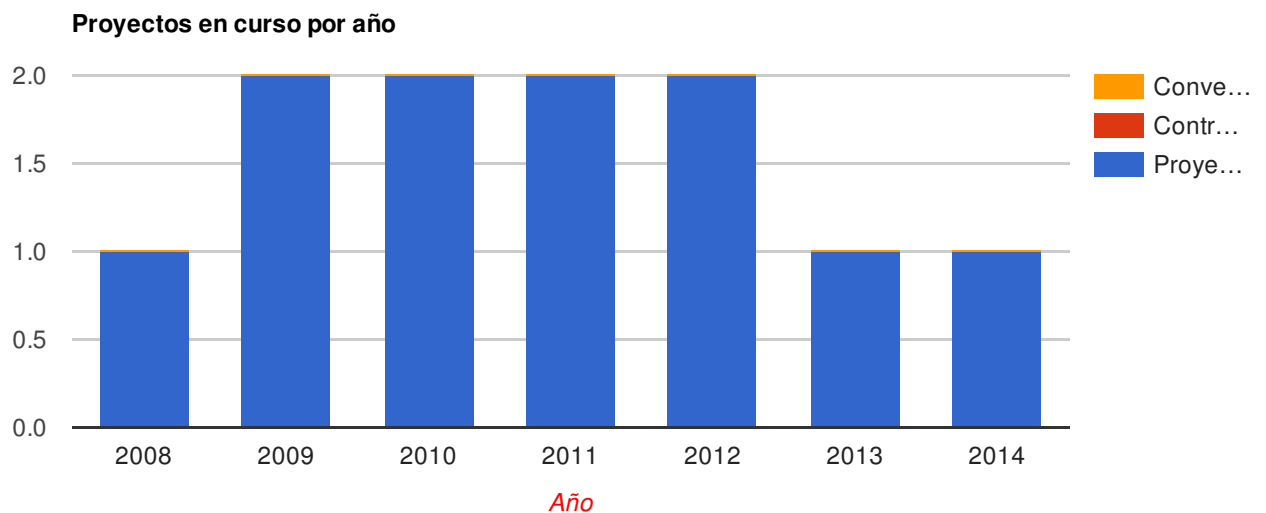
Producción 114

Artículos (104) Libros (1) Capítulos de Libros (4) Tesis dirigidas (5)



Proyectos dirigidos 3

Proyectos (3) Contratos (0) Convenios (0)



Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Covariance-based least-squares filtering algorithm under markovian measurement delays	International journal of computer mathematics	Articulo	2018
Covariance-based fusion filtering for networked systems with random transmission delays and non-consecutive losses	International journal of general systems	Articulo	2017
Distributed fusion filters from uncertain measured outputs in sensor networks with random packet losses	Information fusion	Articulo	2017
Estimation from an multisensor environment for systems with multiple packet dropouts and correlated measurement noises	Applied mathematical modelling	Articulo	2017
Fusion estimation from multisensor observations with multiplicative noises and correlated random delays in transmission	Mathematics	Articulo	2017
Least-squares filtering algorithm in sensor networks with noise correlation and multiple random failures in transmission	Mathematical problems in engineering	Articulo	2017
New distributed fusion filtering algorithm based on covariances over sensor networks with random packet dropouts	International journal of systems science	Articulo	2017
Optimal fusion estimation with multi-step random delays and losses in transmission	Sensors	Articulo	2017
Distributed estimation based on covariances under network-induced phenomena described by random measurement matrices	International journal of general systems	Articulo	2016
Fusion estimation using measured outputs with random parameter matrices subject to random delays and packet dropouts	Signal processing	Articulo	2016
Networked fusion filtering from outputs with stochastic uncertainties and correlated random transmission delays	Sensors	Articulo	2016
Distributed fusion estimation in networked systems with uncertain observations and markovian random delays	Signal processing	Articulo	2015
Optimal state estimation for networked systems with random parameter matrices, correlated noises and delayed measurements	International journal of general systems	Articulo	2015
Covariance-based estimation algorithms in networked systems with mixed uncertainties in the observations	Signal processing	Articulo	2014
Covariance-based estimation from multisensor delayed measurements with random parameter matrices and correlated noises	Mathematical problems in engineering	Articulo	2014
Quadratic extended filtering in nonlinear systems with uncertain observations	Applied mathematical sciences	Articulo	2014
Linear estimation based on covariances for networked systems featuring sensor correlated random delays	International journal of systems science	Articulo	2013
RLS wiener estimators from observations with multiple and random delays in linear discrete-time stochastic systems	Applied mathematics and computation	Articulo	2013
A solution to the filtering problem for stochastic systems with multi-sensor uncertain observations	International mathematical forum	Articulo	2012
Distributed and centralized fusion estimation from multiple sensors with markovian delays	Applied mathematics and computation	Articulo	2012
Extended and unscented filtering algorithms in nonlinear fractional order systems with uncertain observations	Applied mathematical sciences	Articulo	2012
Least-squares linear estimators using measurements transmitted by different sensors with packet dropouts	Digital signal processing	Articulo	2012

transmitted by different sensors with packet dropouts			
Recursive least-squares quadratic smoothing from measurements with packet dropouts	Signal processing	Articulo	2012
Derivation of centralized and distributed filters using covariance information	Computational statistics	Articulo	2011
Estimación de señales en sistemas estocásticos no lineales	Universidad de granada. estadística e investigación operativa	Tesis doctoral	2011
Estimation for discrete-time systems with multiple packet dropouts using covariance information	Mathematical and computer modelling	Articulo	2011
Least-squares linear estimation of signals from observations with markovian delays	Journal of computational and applied mathematics	Articulo	2011
Linear and quadratic estimation using uncertain observations from multiple sensors with correlated uncertainty	Signal processing	Articulo	2011
Nonlinear estimation applying an unscented transformation in systems with correlated uncertain observations	Applied mathematics and computation	Articulo	2011
Quadratic filtering algorithm based on covariances using correlated uncertain observations coming from different sensors	Isrn applied mathematics	Articulo	2011
Quadratic estimators from interrupted observations transmitted by different sensors	Applied mathematical sciences	Articulo	2011
Rls wiener predictor with uncertain observations in linear discrete-time stochastic systems	Journal of signal and information processing	Articulo	2011
Unscented filtering algorithm for discrete-time systems with uncertain observations and state-dependent noise	Numerical analysis - theory and application	Capítulo de libro	2011
A new estimation algorithm from measurements with multiple-step random delays and packet dropouts	Mathematical problems in engineering	Articulo	2010
Derivation of linear estimation algorithms from measurements affected by multiplicative and additive noises	Journal of computational and applied mathematics	Articulo	2010
Design of rls fixed-lag smoother using covariance information in linear discrete stochastic systems	Applied mathematical modelling	Articulo	2010
Design of rls wiener estimators from randomly delayed observations in linear discrete-time stochastic systems	Applied mathematics and computation	Articulo	2010
Least-squares polynomial estimation from observations featuring correlated random delays	Methodology and computing in applied probability	Articulo	2010
Recursive smoothing algorithms for the estimation of signals from uncertain observations via mixture approximations	International journal of systems science	Articulo	2010
Signal estimation with multiple delayed sensors using covariance information	Digital signal processing	Articulo	2010
Least-squares linear filtering using observations coming from multiple sensors with one or two-step random delay	Signal processing	Articulo	2009
New trends for teaching probability using cdppe	Investigación operacional	Articulo	2009
Recursive estimation of discrete-time signals from nonlinear randomly delayed observations	Computers & mathematics with applications	Articulo	2009
Signal estimation with nonlinear uncertain observations using covariance information	Journal of statistical computation and simulation	Articulo	2009
Unscented filtering algorithm using two-step randomly delayed observations in nonlinear systems	Applied mathematical modelling	Articulo	2009
Unscented filtering from delayed observations with correlated noises	Mathematical problems in engineering	Articulo	2009
Curso básico de probabilidad con cdppe	Copicentro granada, s.l.	Libros	2008

Design of quadratic estimators using covariance information in linear discrete-time stochastic systems	Journal of time series analysis	Articulo	2008
Design of rls wiener fixed-lag smoother using covariance information in linear discrete stochastic systems	Applied mathematical modelling	Articulo	2008
Filtering in generalized signal-dependent noise model using covariance information	leice transactions on fundamentals of electronics, communications and computer sciences	Articulo	2008
Filtering of images corrupted by multiplicative and white plus coloured additive noises using covariance information	Mathematical and computer modelling	Articulo	2008
Linear and quadratic least-squares estimation using measurements with correlated one-step random delay	Digital signal processing	Articulo	2008
Polynomial fixed-point smoothing of uncertainly observed signals based on covariances	International journal of systems science	Articulo	2008
Recursive estimation algorithm based on covariances for uncertainly observed signals correlated with noise	leice transactions on fundamentals of electronics, communications and computer sciences	Articulo	2008
Recursive fixed-point smoothing algorithm from covariances based on uncertain observations with correlation in the uncertainty	Applied mathematics and computation	Articulo	2008
Signal estimation based on covariance information from observations featuring correlated uncertainty and coming from multiple sensors	Signal processing	Articulo	2008
The cdpye environment: an interactive support for studying probability and statistics	Boletín informativo (sociedad de estadística e investigación operativa.2004)	Articulo	2008
Design of fixed-lag smoother using covariance information based on innovations approach in linear discrete-time stochastic systems	Applied mathematics and computation	Articulo	2007
Different approaches for state filtering in nonlinear systems with uncertain observations	Applied mathematics and computation	Articulo	2007
Estimation of signals from nonlinear uncertain observations using covariance information	Lecture series on computer and computational sciences	Capítulo de libro	2007
Extended and unscented filtering algorithms using one-step randomly delayed observations	Applied mathematics and computation	Articulo	2007
Filtering and prediction from uncertain observations with correlated signal and noise via mixture approximations	Signal processing	Articulo	2007
Fixed-point smoothing from uncertain observations via mixtures approximations	Lecture series on computer and computational sciences	Capítulo de libro	2007
Signal polynomial smoothing from correlated interrupted observations based on covariances	Mathematical methods in the applied sciences	Articulo	2007
Suboptimal estimation of signals from uncertain observations using approximations of mixtures	Digital signal processing	Articulo	2007
A general smoothing equation for signal estimation using randomly delayed observations in the correlated signal-noise case	Digital signal processing	Articulo	2006
Derivation of fixed-interval smoothing algorithm using covariance information in distributed parameter systems	Applied mathematics and computation	Articulo	2006
Design of a fixed-interval smoother using covariance information based on the innovations approach in linear discrete-time stochastic systems	Applied mathematical modelling	Articulo	2006
Least-squares linear smoothers from randomly delayed observations with correlation in the delay	leice transactions on fundamentals of electronics, communications and computer sciences	Articulo	2006
Least-squares vth-order polynomial estimation of signals	Anplied mathematics and		

Least squares via order polynomial estimation of signals from observations affected by non-independent uncertainty	Applied mathematics and computation	Articulo	2006
Linear estimation using covariance information in distributed parameter systems with non-independent uncertainty	Signal processing	Articulo	2006
An innovation approach to the smoothing problem from uncertain observations with correlated signal and noise	Mathematical methods in the applied sciences	Articulo	2005
Chandrasekhar-type recursive wiener filter using covariance information in linear discrete-time wide-sense stationary stochastic systems	Kagoshima daigaku kyūjiku gakubu kenkyū kiyū. shizen kagaku-hen	Articulo	2005
Design of recursive wiener fixed-point smoothers based on innovations approach in linear discrete-time stochastic systems	Applied mathematics and computation	Articulo	2005
Estimación de señales a partir de observaciones inciertas y observaciones retrasadas aleatoriamente	Universidad de granada. estadística e investigación operativa	Tesis doctoral	2005
Filtering of signals transmitted in multichannel from chandrasekhar and riccati recursions	Extracta mathematicae	Articulo	2005
Fixed-interval smoothing algorithm based on covariances with correlation in the uncertainty	Digital signal processing	Articulo	2005
Fixed-lag smoothing algorithm under non-independent uncertainty	leice transactions on fundamentals of electronics, communications and computer sciences	Articulo	2005
New recursive estimators from correlated interrupted observations using covariance information	International journal of systems science	Articulo	2005
Quadratic estimation of multivariate signals from randomly delayed measurements	Multidimensional systems and signal processing	Articulo	2005
Recursive estimators of signals from measurements with stochastic delays using covariance information	Applied mathematics and computation	Articulo	2005
Chandrasekhar-type filter for a wide-sense stationary signal from uncertain observations using covariance information	Applied mathematics and computation	Articulo	2004
Estimation algorithm from delayed measurements with correlation between signal and noise using covariance information	leice transactions on fundamentals of electronics, communications and computer sciences	Articulo	2004
Fixed-interval smoothing from uncertain observations with white plus coloured noises using covariance information	leice transactions on fundamentals of electronics, communications and computer sciences	Articulo	2004
Fixed-interval smoothing problem from uncertain observations with correlated signal and noise	Applied mathematics and computation	Articulo	2004
Fixed-point, fixed-interval and fixed-lag smoothing algorithms from uncertain observations based on covariances	leice transactions on fundamentals of electronics, communications and computer sciences	Articulo	2004
Quadratic estimation from non-independent uncertain observations with coloured noise	Extracta mathematicae	Articulo	2004
Quadratic estimation from uncertain observations with white plus coloured noises using covariance information	Applied mathematics and computation	Articulo	2004
Recursive estimators of signals from measurements with stochastic delays using covariance information	Applied mathematics and computation	Articulo	2004
Signal estimation from observations affected by random delays and white plus coloured noises	Applied numerical analysis and computational mathematics	Articulo	2004
Filtering and fixed-point smoothing from an innovation approach in systems with uncertainty.	Extracta mathematicae	Articulo	2003
Fixed-point smoothing with non-independent uncertainty using covariance information	International journal of systems science	Articulo	2003
Linear estimation from uncertain observations with white	Digital signal processing	Articulo	2003

plus coloured noises using covariance information	Digital signal processing	Articulo	2003
Linear recursive discrete-time estimators using covariance information under uncertain observations	Signal processing	Articulo	2003
New design of estimators using covariance information with uncertain observations in linear discrete-time systems	Applied mathematics and computation	Articulo	2003
Polynomial filtering with uncertain observations in stochastic linear systems	International journal of modelling & simulation	Articulo	2003
Second-order polynomial estimators from non-independent uncertain observations using covariance information	Ieice transactions on fundamentals of electronics, communications and computer sciences	Articulo	2003
Second-order polynomial estimators from uncertain observations using covariance information.	Applied mathematics and computation	Articulo	2003
An estimation algorithm for the false alarm probability in systems with uncertain observations	Brazilian journal of probability and statistics	Articulo	2002
Design of estimators using covariance information with uncertain observations in linear discrete-time distributed parameter systems	Kagoshima daigaku ky ų iku gakubu kenky ų kiy ų. shizen kagaku-hen	Articulo	2002
New design of estimators using covariance information with uncertain observations in linear discrete-time systems	Applied mathematics and computation	Articulo	2002
Adaptive estimation in systems with uncertain observations and unknown false alarm probability	Revista de estadística	Articulo	2001
Algoritmos de estimación en sistemas con observaciones inciertas	Universidad de granada. estadística e investigación operativa	Tesis doctoral	2001
Estimation of the false alarm probability based on the successive observations of the system	Revista de estadística	Articulo	2001
Signal estimation with multiple delayed sensors using covariance information	Digital signal processing	Articulo	2001
Steady-state analysis of the polynomial filter in stationary systems with uncertain observations	Revista de estadística	Articulo	2001
Existencia del filtro polinomial de segundo grado steady-state en sistemas estacionarios.	Revista de la real academia de ciencias exactas, físicas y naturales de madrid	Articulo	2000
Post-ph effect in oval streptococci	Clinical microbiology and infection	Articulo	2000
Restoration of severely blurred high range images using stochastic and deterministic relaxation algorithms in compound gauss-markov random fields	Pattern recognition	Articulo	2000
Restoration of severely blurred high range images using stochastic and deterministic relaxation algorithms in compound gauss markov random fields	Lectures notes in computer science	Capítulo de libro	2000
Filtrado polinomial en sistemas con observaciones inciertas	Universidad de granada. estadística e investigación operativa	Tesis doctoral	1999
Least squared estimation for distributed parameter systems with uncertain observations: part 1: linear prediction and filtering	Applied stochastic models and data analysis	Articulo	1998
Prediction and filtering algorithm for distributed parameter systems with multiplicative noise in the observations	Brazilian journal of probability and statistics	Articulo	1997
Estimación lineal en sistemas estocásticos con parámetros distribuidos mediante observaciones inciertas	Universidad de granada. estadística e investigación operativa	Tesis doctoral	1995

	Título proyecto	Tipo	Inicio	Fin
1	Nuevos avances en la estimacion de señales estocasticas, basada en observaciones aleatoriamente afectadas por diferentes tipos de perdida de informacion	Proyecto	1/1/12	12/31/14
2	Técnicas de estimación en sistemas estocáticos lineales y no lineales. aplicación a modelos de crecimiento de poblaciones y a la super-resolución de imágenes	Proyecto	2/1/08	1/31/12
3	Aportaciones al problema de estimacion de señales aleatorias lineales y no lineales a partir de observaciones ruidosas sujetas a fallos aleatorios.	Proyecto	1/1/09	12/31/11

Actividades 0

Título actividad	Fuente	Tipo	Fecha
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Colaboradores

- JOSEFA LINARES PÉREZ (108)
- MARÍA JESÚS GARCÍA-LIGERO RAMÍREZ (17)
- FRANCISCO DE ASÍS TORRES RUIZ (3)
- JUAN ANTONIO MALDONADO JURADO (3)
- PATRICIA ROMAN ROMAN (3)
- Javier Mateos (2)
- RAFAEL MOLINA SORIANO (2)
- ANA MARÍA CASTILLO PÉREZ (1)
- IRENE GARCÍA GARRIDO (1)
- JOSÉ GUTIÉRREZ FERNÁNDEZ (1)
- JOSÉ LIEBANA UREÑA (1)