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Record 1 of 45**Author(s):** Aubert, G (Aubert, Gilles); Aujol, JF (Aujol, Jean-Francois)**Title:** A variational approach to removing multiplicative noise**Source:** SIAM JOURNAL ON APPLIED MATHEMATICS, 68 (4): 925-946 2007**ISSN:** 0036-1399**DOI:** 10.1137/060671814

Record 2 of 45**Author(s):** Igual, L (Igual, L.); Preciozzi, J (Preciozzi, J.); Garrido, L (Garrido, L.); Almansa, A (Almansa, A.); Caselles, V (Caselles, V.); Rouge, B (Rouge, B.)**Title:** Automatic low baseline stereo in urban areas**Source:** INVERSE PROBLEMS AND IMAGING, 1 (2): 319-348 MAY 2007**ISSN:** 1930-8337

Record 3 of 45**Author(s):** Nikolova, M (Nikolova, Mila)**Title:** Model distortions in Bayesian map reconstruction**Source:** INVERSE PROBLEMS AND IMAGING, 1 (2): 399-422 MAY 2007**ISSN:** 1930-8337

Record 4 of 45**Author(s):** von Gioi, RG (von Gioi, Rafael Grompone); Jakubowicz, JM (Jakubowicz, Jeremie); Randall, G (Randall, Gregory)**Book Group Author(s):** IEEE**Title:** Multisegment detection**Source:** 2007 IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOLS 1-7: 817-820 2007**Book series title:** IEEE International Conference on Image Processing (ICIP)**Conference Title:** IEEE International Conference on Image Processing (ICIP 2007)**Conference Date:** SEP 16-19, 2007**Conference Location:** San Antonio, TX**ISSN:** 1522-4880**ISBN:** 978-1-4244-1436-9

Record 5 of 45**Author(s):** Clemencon, S (Clemencon, Stephan); Vayatis, N (Vayatis, Nicolas)**Title:** Ranking the best instances**Source:** JOURNAL OF MACHINE LEARNING RESEARCH, 8: 2671-2699 DEC 2007**ISSN:** 1532-4435

Record 6 of 45**Author(s):** Chardard, F (Chardard, Frederic)

Title: Maslov index for solitary waves obtained as a limit of the Maslov index for periodic waves

Source: COMPTES RENDUS MATHEMATIQUE, 345 (12): 689-694 DEC 15 2007

ISSN: 1631-073X

DOI: 10.1016/j.crma.2007.11.003

Record 7 of 45

Author(s): Dias, F (Dias, F.); Ghidaglia, JM (Ghidaglia, J. -M.); Le Coq, G (Le Coq, G.)

Book Group Author(s): ISOPE

Title: On the fluid dynamics models for sloshing

Source: PROCEEDINGS OF THE SEVENTEENTH (2007) INTERNATIONAL OFFSHORE AND POLAR ENGINEERING CONFERENCE, VOL 1- 4, PROCEEDINGS: 1880-1888 2007

Conference Title: 17th International Offshore and Polar Engineering Conference (ISOPE 2007)

Conference Date: JUL 01-06, 2007

Conference Location: Lisbon, PORTUGAL

ISBN: 978-1-880653-68-5

Record 8 of 45

Author(s): Dias, F (Dias, Frederic); Dutykh, D (Dutykh, Denys)

Editor(s): Ibrahimbegovic, A; Kozar, I

Title: Dynamics of tsunami waves

Source: Extreme Man-Made and Natural Hazards in Dynamics of Structures: 201-224 2007

Book series title: Nato Science for Peace and Security Series C - Environmental Security

Conference Title: NATO Advanced Research Workshop on Extreme Man-Made and Natural Hazards in Dynamics of Structures

Conference Date: MAY 28-JUN 01, 2006

Conference Location: Opatija, CROATIA

ISSN: 1871-4668

ISBN: 978-1-4020-5654-3

Record 9 of 45

Author(s): Nikolova, M (Nikolova, Mila)

Editor(s): Sgallari, F; Murli, A; Paragios, N

Title: Counter-examples for Bayesian MAP restoration

Source: Scale Space and Variational Methods in Computer Vision, Proceedings, 4485: 140-152 2007

Book series title: LECTURE NOTES IN COMPUTER SCIENCE

Conference Title: 1st International Conference on Scale Space and Variational Methods in Computer Vision

Conference Date: MAY 30-JUN 02, 2007

Conference Location: Ischia, ITALY

ISSN: 0302-9743

ISBN: 978-3-540-72822-1

Record 10 of 45

Author(s): Nikolova, M (Nikolova, Mila)

Editor(s): Sgallari, F; Murli, A; Paragios, N

Title: Bounds on the minimizers of (nonconvex) regularized least-squares

Source: Scale Space and Variational Methods in Computer Vision, Proceedings, 4485: 496-507 2007

Book series title: LECTURE NOTES IN COMPUTER SCIENCE

Conference Title: 1st International Conference on Scale Space and Variational Methods in Computer Vision

Conference Date: MAY 30-JUN 02, 2007

Conference Location: Ischia, ITALY

ISSN: 0302-9743

ISBN: 978-3-540-72822-1

Record 11 of 45

Author(s): Dutykh, D (Dutykh, Denys); Dias, F (Dias, Frederic)

Editor(s): Kundu, A

Title: Water waves generated by a moving bottom

Source: Tsunami and Nonlinear Waves: 65-95 2007

Conference Title: International Meeting on Tsunami and Nonlinear Waves

Conference Date: MAR 06-10, 2006

Conference Location: Calcutta, INDIA

Conference Host: Saha Inst Nucl Phys

ISBN: 978-3-540-71255-8

Record 12 of 45

Author(s): Dutykh, D (Dutykh, Denys); Dias, F (Dias, Frederic)

Title: Dissipative boussinesq equations

Source: COMPTES RENDUS MECANIQUE, 335 (9-10): 559-583 SEP-OCT 2007

ISSN: 1631-0721

DOI: 10.1016/j.crme.2007.08.003

Record 13 of 45

Author(s): Grebenkov, DS (Grebenkov, D. S.); Filoche, M (Filoche, M.); Sapoval, B (Sapoval, B.)

Title: A simplified analytical model for laplacian transfer across deterministic prefractal interfaces

Source: FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY, 15 (1): 27-39 MAR 2007

ISSN: 0218-348X

Record 14 of 45

Author(s): Desvillettes, L (Desvillettes, Laurent); Mouhot, C (Mouhot, Clement)

Title: Large time behavior of the a priori bounds for the solutions to the spatially homogeneous Boltzmann equations with soft potentials

Source: ASYMPTOTIC ANALYSIS, 54 (3-4): 235-245 OCT 2007

ISSN: 0921-7134

Record 15 of 45

Author(s): Bridges, TJ (Bridges, T. J.); Dias, F (Dias, F.)

Title: Enhancement of the Benjamin-Feir instability with dissipation

Source: PHYSICS OF FLUIDS, 19 (10): Art. No. 104104 OCT 2007

ISSN: 1070-6631

DOI: 10.1063/1.2780793

Record 16 of 45

Author(s): Luo, B (Luo, Bin); Aujol, JF (Aujol, Jean-Francois); Gousseau, Y (Gousseau, Yann); Ladjal, S (Ladjal, Said); Maitre, H (Maitre, Henri)

Title: Resolution-independent characteristic scale dedicated to satellite images

Source: IEEE TRANSACTIONS ON IMAGE PROCESSING, 16 (10): 2503-2514 OCT 2007

ISSN: 1057-7149

DOI: 10.1109/TIP.2007.906004

Record 17 of 45

Author(s): Devillanova, G (Devillanova, G.); Solimini, S (Solimini, S.)

Title: On the dimension of an irrigable measure

Source: RENDICONTI DEL SEMINARIO MATEMATICO DELLA UNIVERSITA DI PADOVA, 117: 1-49 2007

ISSN: 0041-8994

Record 18 of 45

Author(s): Abraham, I (Abraham, I.); Abraham, R (Abraham, R.); Desolneux, A (Desolneux, A.); Li-Thiao-Te, S (Li-Thiao-Te, S.)

Title: Significant edges in the case of non-stationary Gaussian noise

Source: PATTERN RECOGNITION, 40 (11): 3277-3291 NOV 2007

ISSN: 0031-3203

DOI: 10.1016/j.patcog.2007.02.015

Record 19 of 45

Author(s): Durand, S (Durand, Sylvain); Nikolova, M (Nikolova, Mila)

Title: Denoising of frame coefficients using $l(1)$ data-fidelity term and edge-preserving regularization

Source: MULTISCALE MODELING & SIMULATION, 6 (2): 547-576 2007

ISSN: 1540-3459

DOI: 10.1137/06065828X

Record 20 of 45

Author(s): Meyer, F (Meyer, Fernand); Vachier, C (Vachier, Corinne)

Title: On the regularization of the watershed transform

Source: ADVANCES IN IMAGING AND ELECTRON PHYSICS, VOL 148, 148: 193-+ 2007

Book series title: ADVANCES IN IMAGING AND ELECTRON PHYSICS

ISSN: 1076-5670

DOI: 10.1016/S1076-5670(07)48003-X

Record 21 of 45

Author(s): Amit, Y (Amit, Yali); Troune, A (Troune, Alain)

Title: POP: Patchwork of parts models for object recognition

Source: INTERNATIONAL JOURNAL OF COMPUTER VISION, 75 (2): 267-282 NOV 2007

ISSN: 0920-5691

DOI: 10.1007/s11263-006-0033-9

Record 22 of 45

Author(s): Desvillettes, L (Desvillettes, Laurent); Fellner, K (Fellner, Klemens); Pierre, M (Pierre, Michel); Vovelle, J (Vovelle, Julien)

Title: Global existence for quadratic systems of reaction-diffusion

Source: ADVANCED NONLINEAR STUDIES, 7 (3): 491-511 AUG 2007

ISSN: 1536-1365

Record 23 of 45

Author(s): Gaudiello, A (Gaudiello, Antonio); Monneau, R (Monneau, Regis); Mossino, J (Mossino, Jacqueline); Murat, F (Murat, Francois); Sili, A (Sili, Ali)

Title: Junction of elastic plates and beams

Source: ESAIM-CONTROL OPTIMISATION AND CALCULUS OF VARIATIONS, 13 (3): 419-457 JUL-SEP 2007

ISSN: 1262-3377

DOI: 10.1051/cocv:2007036

Record 24 of 45

Author(s): Dutykh, D (Dutykh, Denys); Dias, F (Dias, Frederic)

Title: Viscous potential free-surface flows in a fluid layer of finite depth

Source: COMPTES RENDUS MATHEMATIQUE, 345 (2): 113-118 JUL 15 2007

ISSN: 1631-073X

DOI: 10.1016/j.crma.2007.06.007

Record 25 of 45

Author(s): Garnett, JB (Garnett, John B.); Le, TM (Le, Triet M.); Meyer, Y (Meyer, Yves); Vese, LA (Vese, Luminita A.)

Title: Image decompositions using bounded variation and generalized homogeneous Besov spaces

Source: APPLIED AND COMPUTATIONAL HARMONIC ANALYSIS, 23 (1): 25-56 JUL 2007

ISSN: 1063-5203

DOI: 10.1016/j.acha.2007.01.005

Record 26 of 45

Author(s): Alouges, F (Alouges, Francois); Le Coq, G (Le Coq, Gerard); Lorin, E (Lorin, Emmanuel)

Title: Two-dimensional extension of the reservoir technique for some linear advection systems

Source: JOURNAL OF SCIENTIFIC COMPUTING, 31 (3): 419-458 JUN 2007

ISSN: 0885-7474

DOI: 10.1007/s10915-006-9115-7

Record 27 of 45

Author(s): Bottin, F (Bottin, Francois); Zerah, G (Zerah, Gilles)

Title: Formation enthalpies of monovacancies in aluminum and gold under the condition of intense laser irradiation

Source: PHYSICAL REVIEW B, 75 (17): Art. No. 174114 MAY 2007

ISSN: 1098-0121

DOI: 10.1103/PhysRevB.75.174114

Record 28 of 45

Author(s): Gadat, S (Gadat, Sebastien); Younes, L (Younes, Laurent)

Title: A stochastic algorithm for feature selection in pattern recognition

Source: JOURNAL OF MACHINE LEARNING RESEARCH, 8: 509-547 MAR 2007

ISSN: 1532-4435

Record 29 of 45

Author(s): Kervella, Y (Kervella, Youen); Dutykh, D (Dutykh, Denys); Dias, F (Dias, Frederic)

Title: Comparison between three-dimensional linear and nonlinear tsunami generation models

Source: THEORETICAL AND COMPUTATIONAL FLUID DYNAMICS, 21 (4): 245-269 JUL 2007

ISSN: 0935-4964

DOI: 10.1007/s00162-007-0047-0

Record 30 of 45

Author(s): Cao, F (Cao, Frederic); Delon, J (Delon, Julie); Desolneux, A (Desolneux, Agnes); Muse, P (Muse, Pablo); Sur, F (Sur, Frederic)

Title: A unified framework for detecting groups and application to shape recognition

Source: JOURNAL OF MATHEMATICAL IMAGING AND VISION, 27 (2): 91-119 FEB 2007

ISSN: 0924-9907

DOI: 10.1007/s10851-006-9176-0

Record 31 of 45

Author(s): Nikolova, M (Nikolova, Mila); Chan, RH (Chan, Raymond H.)

Title: The equivalence of half-quadratic minimization and the gradient linearization iteration

Source: IEEE TRANSACTIONS ON IMAGE PROCESSING, 16 (6): 1623-1627 JUN 2007

ISSN: 1057-7149

DOI: 10.1109/TIP.2007.896622

Record 32 of 45

Author(s): Chapuisat, G (Chapuisat, Guillemette)

Title: Existence and nonexistence of curved front solution of a biological equation

Source: JOURNAL OF DIFFERENTIAL EQUATIONS, 236 (1): 237-279 MAY 1 2007

ISSN: 0022-0396

DOI: 10.1016/j.jde.2007.01.021

Record 33 of 45

Author(s): Karakashian, OA (Karakashian, Ohannes A.); Pascal, F (Pascal, Frederic)

Title: Convergence of adaptive discontinuous Galerkin approximations of second-order elliptic problems

Source: SIAM JOURNAL ON NUMERICAL ANALYSIS, 45 (2): 641-665 2007

ISSN: 0036-1429

DOI: 10.1137/05063979X

Record 34 of 45

Author(s): Haddad, A (Haddad, A.); Meyer, Y (Meyer, Y.)

Title: An improvement of Rudin-Osher-Fatemi model

Source: APPLIED AND COMPUTATIONAL HARMONIC ANALYSIS, 22 (3): 319-334 MAY 2007

ISSN: 1063-5203

DOI: 10.1016/j.acha.2006.09.001

Record 35 of 45

Author(s): Fochesato, C (Fochesato, Christophe); Grilli, S (Grilli, Stephan); Dias, F (Dias, Frederic)

Title: Numerical modeling of extreme rogue waves generated by directional energy focusing

Source: WAVE MOTION, 44 (5): 395-416 APR 2007

ISSN: 0165-2125

DOI: 10.1016/j.wavemoti.2007.01.003

Record 36 of 45

Author(s): Andrade, JS (Andrade, J. S., Jr.); Araujo, AD (Araujo, A. D.); Filoche, M (Filoche, M.); Sapoval, B (Sapoval, B.)

Title: Screening effects in flow through rough channels

Source: PHYSICAL REVIEW LETTERS, 98 (19): Art. No. 194101 MAY 11 2007

ISSN: 0031-9007

DOI: 10.1103/PhysRevLett.98.194101

Record 37 of 45

Author(s): Beauchard, K (Beauchard, Karine); Coron, JM (Coron, Jean Michel); Mirrahimi, M (Mirrahimi, Mazyar); Rouchon, P (Rouchon, Pierre)

Title: Implicit Lyapunov control of finite dimensional Schrodinger equations

Source: SYSTEMS & CONTROL LETTERS, 56 (5): 388-395 MAY 2007

ISSN: 0167-6911

DOI: 10.1016/j.sysconle.2006.10.024

Record 38 of 45

Author(s): Gustaffson, B (Gustaffson, Bjoern); Mossino, J (Mossino, Jacqueline)

Title: A criterion for H-convergence in elasticity

Source: ASYMPTOTIC ANALYSIS, 51 (3-4): 247-269 2007

ISSN: 0921-7134

Record 39 of 45

Author(s): Behrend, K (Behrend, Kai); Ginot, G (Ginot, Gregory); Noohi, B (Noohi, Behrang); Xu, P (Xu, Ping)

Title: String topology for loop stacks

Source: COMPTES RENDUS MATHEMATIQUE, 344 (4): 247-252 FEB 15 2007

ISSN: 1631-073X

DOI: 10.1016/j.crma.2006.10.006

Record 40 of 45

Author(s): Morel, JM (Morel, Jean-Michel); Santarnbrogio, F (Santarnbrogio, Filippo)

Title: Comparison of distances between measures

Source: APPLIED MATHEMATICS LETTERS, 20 (4): 427-432 APR 2007

ISSN: 0893-9659

DOI: 10.1016/j.aml.2006.05.009

Record 41 of 45

Author(s): Agafontsev, DS (Agafontsev, D. S.); Dias, F (Dias, F.); Kuznetsov, EA (Kuznetsov, E. A.)

Title: Deep-water internal solitary waves near critical density ratio

Source: PHYSICA D-NONLINEAR PHENOMENA, 225 (2): 153-168 JAN 15 2007

ISSN: 0167-2789

DOI: 10.1016/j.physd.2006.10.010

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Author(s): Grebenkov, DS (Grebenkov, D. S.); Guillot, G (Guillot, G.); Sapoval, B (Sapoval, B.)

Title: Restricted diffusion in a model acinar labyrinth by NMR: Theoretical and numerical results

Source: JOURNAL OF MAGNETIC RESONANCE, 184 (1): 143-156 JAN 2007

ISSN: 1090-7807

DOI: 10.1016/j.jmr.2006.09.026

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Author(s): Durand, S (Durand, Sylvain)

Title: M-band filtering and nonredundant directional wavelets

Source: APPLIED AND COMPUTATIONAL HARMONIC ANALYSIS, 22 (1): 124-139 JAN 2007

ISSN: 1063-5203

DOI: 10.1016/j.acha.2006.05.006

Record 44 of 45

Author(s): Devillanova, G (Devillanova, G.); Solimini, S (Solimini, S.)

Title: Elementary properties of optimal irrigation patterns

Source: CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS, 28 (3): 317-349 MAR 2007

ISSN: 0944-2669

DOI: 10.1007/s00526-006-0046-9

Record 45 of 45

Author(s): Felix, S (Felix, S.); Asch, M (Asch, M.); Filoche, M (Filoche, M.); Sapoval, B (Sapoval, B.)

Title: Localization and increased damping in irregular acoustic cavities

Source: JOURNAL OF SOUND AND VIBRATION, 299 (4-5): 965-976 FEB 6 2007

ISSN: 0022-460X

DOI: 10.1016/j.jsv.2006.07.036

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