New Basis Set for the Evaluation of Specific Rotation in Flexible Biological Molecules in Solution
Publication: Research - peer-review › Journal article – Annual report year: 2018

Ab initio study of the CO-N2 complex: a new highly accurate intermolecular potential energy surface and rovibrational spectrum
Publication: Research - peer-review › Journal article – Annual report year: 2018

Bézier curves that are close to elastica
Publication: Research - peer-review › Journal article – Annual report year: 2018

Designing interactively with elastic splines
Publication: Research - peer-review › Journal article – Annual report year: 2018

Explicit MDS Codes with Complementary Duals
Publication: Research - peer-review › Journal article – Annual report year: 2018

Frame properties of systems arising via iterated actions of operators
Publication: Research - peer-review › Journal article – Annual report year: 2018

Frames, operator representations, and open problems
Publication: Research - peer-review › Book chapter – Annual report year: 2018

Generalized Hamming weights of affine Cartesian codes
Beelen, P. & Datta, M. 2018 In : Finite Fields and Their Applications. 51, p. 130-145
Publication: Research - peer-review › Journal article – Annual report year: 2018

Geometric singular perturbation analysis of systems with friction
Publication: Research › Ph.D. thesis – Annual report year: 2018

Julia Sets of Orthogonal Polynomials
Publication: Research - peer-review › Journal article – Annual report year: 2018

Monge surfaces and planar geodesic foliations
Publication: Research - peer-review › Journal article – Annual report year: 2018

On the Björling problem for willmore surfaces
Publication: Research - peer-review › Journal article – Annual report year: 2018

Power decoding Reed-Solomon codes up to the Johnson radius
Rosenkilde, J. S. H. 2018 In : Advances in Mathematics of Communications. 12, 1, p. 81-106
The Painleve’s Paradox

Topological bifurcations of coherent structures and dimension reduction of plasma convection models

Weierstrass semigroups on the Giulietti–Korchmáros curve
Beelen, P. & Montanucci, M. 2018 In : Finite Fields and Their Applications. 52, p. 10-29

Robotic system and method for manufacturing of objects
Gravesen, J., Brander, D., Bærentzen, J. A., Markvorsen, S., Bjerne Nørnbjerg, T. & Hornbak Steenstrup, K. 21 Sep 2017

Fast computation of the roots of polynomials over the ring of power series

A complete characterization of Galois subfields of the generalized Giulietti–Korchmáros function field
Anbar, N., Bassa, A. & Beelen, P. 2017 In : Finite Fields and Their Applications. 48, p. 318-330

Algorithms for Zero-Dimensional Ideals Using Linear Recurrent Sequences

A modular interpretation of various cubic towers
Anbar Meidl, N., Bassa, A. & Beelen, P. 2017 In : Journal of Number Theory. 171, p. 341-357

A new tower with good p-rank meeting Zink’s bound

A Note on a Tower by Bassa, Garcia and Stichtenoth

A Numerical Framework for Sobolev Metrics on the Space of Curves

Bent and bent(4) spectra of Boolean functions over finite fields
Anbar Meidl, N. & Meidl, W. 2017 In : Finite Fields and Their Applications. 46, p. 163-178

Blowup for flat slow manifolds: Paper
Kristiansen, K. U. 2017 In : Nonlinearity. 30, 5, p. 2138-2184
B-Spline Approximations of the Gaussian, their Gabor Frame Properties, and Approximately Dual Frames
Publication: Research - peer-review › Journal article – Annual report year: 2017

Canards in stiction: on solutions of a friction oscillator by regularization
Publication: Research - peer-review › Journal article – Annual report year: 2018

Characterisations of Partition of Unities Generated by Entire Functions in \( \mathbb{C}^d \)
Publication: Research - peer-review › Journal article – Annual report year: 2017

Counting generalized Reed-Solomon codes
Beelen, P., Glynn, D., Høholdt, T. & Kaipa, K. 2017 In : Advances in Mathematics of Communication. 11, 4, p. 777--790
Publication: Research - peer-review › Journal article – Annual report year: 2017

Decoding Interleaved Gabidulin Codes using Alekhnovich's Algorithm
Publication: Research - peer-review › Journal article – Annual report year: 2017

Decoding of interleaved Reed-Solomon codes using improved power decoding
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Dynamical sampling and frame representations with bounded operators
Publication: Research - peer-review › Journal article – Annual report year: 2018

Fractional and complex pseudo-splines and the construction of Parseval frames
Publication: Research - peer-review › Journal article – Annual report year: 2017

Further Generalisations of Twisted Gabidulin Codes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Gabor Frames in \( \ell^2(\mathbb{Z}) \) and Linear Dependence
Publication: Research - peer-review › Journal article – Annual report year: 2017

Gabor frames on locally compact abelian groups and related topics
Publication: Research › Ph.D. thesis – Annual report year: 2017

Generalized shift-invariant systems and approximately dual frames
Publication: Research - peer-review › Journal article – Annual report year: 2017
Idempotent and p-potent quadratic functions: distribution of nonlinearity and co-dimension
Publication: Research - peer-review › Journal article – Annual report year: 2016

Improved Power Decoding of One-Point Hermitian Codes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Invariant manifolds and the parameterization method in coupled energy harvesting piezoelectric oscillators
Publication: Research - peer-review › Journal article – Annual report year: 2017

Matematikkommissionen - Afrapportering
Publication: Commissioned › Report – Annual report year: 2017

Maximum number of common zeros of homogeneous polynomials over finite fields
Publication: Research - peer-review › Journal article – Annual report year: 2017

Modified planar functions and their components
Publication: Research - peer-review › Journal article – Annual report year: 2017

Number of solutions of systems of homogeneous polynomial equations over finite fields
Publication: Research - peer-review › Journal article – Annual report year: 2017

On multivariate Wilson bases
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

On permutation polynomials over finite fields: differences and iterations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

On the approximation of the canard explosion point in singularly perturbed systems without an explicit small parameter
Publication: Research - peer-review › Journal article – Annual report year: 2017

On the difference between permutation polynomials over finite fields
Publication: Research - peer-review › Journal article – Annual report year: 2017

On the regularization of impact without collision: the Painlevé paradox and compliance
Publication: Research - peer-review › Journal article – Annual report year: 2017

On Wilson bases in $L^2(\mathbb{R}^d)$
Publication: Research - peer-review › Journal article – Annual report year: 2017
Operator representations of frames
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Operator Representations of Frames: Boundedness, Duality, and Stability
Christensen, O. & Hasannasab, M. 2017 In : Integral Equations and Operator Theory. 88, 4, p. 483-499
Publication: Research - peer-review › Journal article – Annual report year: 2017

Optimization on Spaces of Curves
Publication: Research › Ph.D. thesis – Annual report year: 2017

Paley-wiener type perturbations of frames and the deviation from perfect reconstruction
Publication: Research - peer-review › Journal article – Annual report year: 2017

Popov form computation for matrices of Ore polynomials
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Pseudospherical surfaces with singularities
Publication: Research - peer-review › Journal article – Annual report year: 2016

Rationalization in architecture with surfaces foliated by elastic curves
Publication: Research › Ph.D. thesis – Annual report year: 2017

Remarks on the boundary curve of a constant mean curvature topological disc
Brander, D. & Lopéz, R. 2017 In : Complex Variables and Elliptic Equations. 62, 8, p. 1037-1043
Publication: Research - peer-review › Journal article – Annual report year: 2016

Row Reduction Applied to Decoding of Rank Metric and Subspace Codes
Publication: Research - peer-review › Journal article – Annual report year: 2016

Singular limit analysis of a model for earthquake faulting
Publication: Research - peer-review › Journal article – Annual report year: 2016

Sparse identification of a predator-prey system from simulation data of a convection model
Dam, M., Brens, M., Rasmussen, J. J., Naulin, V. & Hesthaven, J. S. 2017 In : Physics of Plasmas. 24, 2, 10 p., 022310
Publication: Research - peer-review › Journal article – Annual report year: 2017

Surfaces foliated by planar geodesics: a model for curved wood design
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018
Co-compact Gabor Systems on Locally Compact Abelian Groups
Publication: Research - peer-review › Journal article – Annual report year: 2015

Counterexamples to the B-spline Conjecture for Gabor Frames
Publication: Research - peer-review › Journal article – Annual report year: 2016

Cutable Ruled Surface Strips for Milling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Designing for hot-blade cutting: Geometric Approaches for High-Speed Manufacturing of Doubly-Curved Architectural Surfaces
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Estimates of the first Dirichlet eigenvalue from exit time moment spectra
Publication: Research - peer-review › Journal article – Annual report year: 2015

Explicit constructions and properties of generalized shift-invariant systems in L2(R)
Christensen, O., Hasannasabjaldehbakhani, M. & Lemvig, J. 2016 In : Advances in Computational Mathematics. 43, 2, p. 443–472
Publication: Research - peer-review › Journal article – Annual report year: 2016

Exponential estimates of symplectic slow manifolds
Publication: Research - peer-review › Journal article – Annual report year: 2016

From Canards of Folded Singularities to Torus Canards in a Forced van der Pol Equation
Publication: Research - peer-review › Journal article – Annual report year: 2015

Hot Blade Cuttings for the Building Industries
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

New basis set for the prediction of the specific rotation in flexible biological molecules
Publication: Research - peer-review › Journal article – Annual report year: 2016

On Partition of Unities Generated by Entire Functions and Gabor Frames in L2(Rd) and ℓ2(Zd)
Christensen, O., Kim, H. O. & Kim, R. Y. 2016 In : Journal of Fourier Analysis and Applications. 22, 5, p. 1121-1140
Publication: Research - peer-review › Journal article – Annual report year: 2016

On some Hermite series identities and their applications to Gabor analysis
Lemvig, J. 2016 In : Monatshefte fuer Mathematik. 182, 4, p. 899–912
On the Gabor frame set for compactly supported continuous functions

On the Number of Rational Points on Prym Varieties over Finite Fields
Aubry, Y. & Haloui, S. 2016 In : Glasgow Mathematical Journal. 58, 1, p. 55-68

On Various R-duals and the Duality Principle
Stoeva, D. T. & Christensen, O. 2016 In : Integral Equations and Operator Theory. 84, 4, p. 577-590

Patterns of a slow air-water flow in a semispherical container

Rationalization with ruled surfaces in architecture

Regularization by External Variables

Reproducing formulas for generalized translation invariant systems on locally compact abelian groups

Robotic Hot-Blade Cutting: An Industrial Approach to Cost-Effective Production of Double Curved Concrete Structures

Sculpturing Surfaces with Cartan Ribbons

Sixth International Symposium on Bifurcations and Instabilities in Fluid Dynamics (BIFD2015): Foreword

Spherical Surfaces

The structure of dual Grassmann codes
Topological Fluid Dynamics For Free and Viscous Surfaces
Publication: Research › Ph.D. thesis – Annual report year: 2016

Wavelets for Non-expanding Dilations and the Lattice Counting Estimate
Publication: Research - peer-review › Journal article – Annual report year: 2016

A flow meter for ultrasonically measuring the flow velocity of fluids.
Willatzen, M., Gravesen, J. & Nørtoft, P. 7 May 2015
Publication: Research › Patent – Annual report year: 2015

A characterization of tight and dual generalized translation invariant frames
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

A Finsler geodesic spray paradigm for wildfire spread modelling
Publication: Research - peer-review › Journal article – Annual report year: 2015

An algebraic approach to graph codes
Publication: Research › Ph.D. thesis – Annual report year: 2015

Bifurcation Analysis of Structures in a Convection Model
Dam, M., Brøns, M., Rasmussen, J. J. & Naulin, V. 2015
Publication: Research - peer-review › Poster – Annual report year: 2015

Codimension three bifurcation of streamline patterns close to a no-slip wall: A topological description of boundary layer eruption
Balci, A., Andersen, M., Thompson, M. C. & Brøns, M. 2015 In : Physics of Fluids. 27, 5, 14 p., 053603
Publication: Research - peer-review › Journal article – Annual report year: 2015

Computation of saddle-type slow manifolds using iterative methods
Publication: Research - peer-review › Journal article – Annual report year: 2015

Curve Matching with Applications in Medical Imaging
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Deformations of constant mean curvature surfaces preserving symmetries and the Hopf differential
Publication: Research - peer-review › Journal article – Annual report year: 2015

Density and duality theorems for regular Gabor frames
Publication: Research - peer-review › Journal article – Annual report year: 2015
Directional Time-frequency Analysis via Continuous Frames
Publication: Research - peer-review › Journal article – Annual report year: 2015

Duality results for co-compact Gabor systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Ends, fundamental tones and capacity of minimal submanifolds via extrinsic comparison theory
Publication: Research - peer-review › Journal article – Annual report year: 2014

Extending the zero-derivative principle for slow–fast dynamical systems
Publication: Research - peer-review › Journal article – Annual report year: 2015

Fourier-like frames on locally compact abelian groups
Christensen, O. & Goh, S. S. 2015 In : Journal of Approximation Theory. 192, p. 82-101
Publication: Research - peer-review › Journal article – Annual report year: 2015

Gabor Analysis for Imaging
Publication: Research - peer-review › Book chapter – Annual report year: 2016

Good families of Drinfeld modular curves
Publication: Research - peer-review › Journal article – Annual report year: 2016

Good towers of function Fields
Publication: Research › Ph.D. thesis – Annual report year: 2015

Isogeometric analysis of sound propagation through laminar flow in 2-dimensional ducts
Publication: Research - peer-review › Journal article – Annual report year: 2015

Linear codes associated to determinantal varieties
Publication: Research - peer-review › Journal article – Annual report year: 2015

Linear complexity for multidimensional arrays - a numerical invariant
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Mathematical modelling of membrane separation
Publication: Research › Ph.D. thesis – Annual report year: 2015
Mixed-Mode Oscillations Due to a Singular Hopf Bifurcation in a Forest Pest Model
Publication: Research - peer-review › Journal article – Annual report year: 2015

On extensions of wavelet systems to dual pairs of frames
Christensen, O., Kim, H. O. & Kim, R. Y. 2015 In : Advances in Computational Mathematics. 42, 2, p. 489-503
Publication: Research - peer-review › Journal article – Annual report year: 2016

On Gabor frames generated by sign-changing windows and B-splines
Publication: Research - peer-review › Journal article – Annual report year: 2015

On R-duals and the duality principle
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

On R-Duals and the Duality Principle in Gabor Analysis
Publication: Research - peer-review › Journal article – Annual report year: 2015

On the nonlinearity of idempotent quadratic functions and the weight distribution of subcodes of Reed-Muller codes
Anbar, N., Meidl, W. M. & Topuzoglu, A. 2015
Publication: Research - peer-review › Paper – Annual report year: 2015

On the use of blowup to study regularizations of singularities of piecewise smooth dynamical systems in R^3
Publication: Research - peer-review › Journal article – Annual report year: 2015

Periodic orbits near a bifurcating slow manifold
Publication: Research - peer-review › Journal article – Annual report year: 2015

Perturbative Semiclassical Trace Formulae for Harmonic Oscillators
Publication: Research - peer-review › Journal article – Annual report year: 2015

Regularization of Piecewise Smooth Two-Folds
Kristiansen, K. U. & Hogan, S. J. 2015
Publication: Research - peer-review › Poster – Annual report year: 2015

Regularizations of two-fold bifurcations in planar piecewise smooth systems using blowup
Publication: Research - peer-review › Journal article – Annual report year: 2015

Second order elastic metrics on the shape space of curves
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Sub-quadratic decoding of one-point hermitian codes
Nielsen, J. S. R. & Beelen, P. 2015 In : IEEE Transactions on Information Theory. 61, 6, p. 3225-3240
Publication: Research - peer-review › Journal article – Annual report year: 2015
Surfaces with Natural Ridges
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

The Metric of Colour Space
Gravesen, J. 2015 In : Graphical Models. 82, November, p. 77-86
Publication: Research - peer-review › Journal article – Annual report year: 2015

Theoretical Study of the Pyridine-Helium van der Waals Complexes
Publication: Research - peer-review › Journal article – Annual report year: 2015

Towers of Function Fields over Non-prime Finite Fields
Publication: Research - peer-review › Journal article – Annual report year: 2015

Twisted Polynomials and Forgery Attacks on GCM
PUBLICATION: Research - peer-review › Article in proceedings – Annual report year: 2015

VirtualTable: a projection augmented reality game
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Vortex breakdown in a truncated conical bioreactor
Balci, A., Brøns, M., Herrada, M. A. & Shtern, V. N. 2015 In : Fluid Dynamics Research. 47, 6, 26 p., 065503
Publication: Research - peer-review › Journal article – Annual report year: 2015

Small and efficient basis sets for the evaluation of accurate interaction energies: Aromatic molecule-argon ground-state intermolecular potentials and rovibrational states
Publication: Research - peer-review › Journal article – Annual report year: 2014

5th International Symposium on Bifurcations and Instabilities in Fluid Dynamics (BIFD2013) Foreword
Publication: Research - peer-review › Journal article – Annual report year: 2014

An Improvement of the Gilbert–Varshamov Bound Over Nonprime Fields
Publication: Research - peer-review › Journal article – Annual report year: 2014

An Iterative Method for the Approximation of Fibers in Slow-Fast Systems
Publication: Research - peer-review › Journal article – Annual report year: 2014
A short introduction to frames, Gabor systems, and wavelet systems
Publication: Research - peer-review › Journal article – Annual report year: 2014

Bifurcation Analysis and Dimension Reduction of a Predator-Prey Model for the L-H Transition
Dam, M., Bens, M., Juul Rasmussen, J., Naulin, V. & Xu, G. 2014
Publication: Research - peer-review › Journal article – Annual report year: 2014

Bifurcation analysis of a smoothed model of a forced impacting beam and comparison with an experiment
Publication: Research - peer-review › Journal article – Annual report year: 2014

Constant Gaussian curvature surfaces in the 3-sphere via loop groups
Publication: Research - peer-review › Journal article – Annual report year: 2014

Contaminant ingress into multizone buildings: An analytical state-space approach
Parker, S., Coffey, C., Gravesen, J., Kirkpatrick, J., Ratcliffe, K., Lingard, B. & Nally, J. 2014 In : Building Simulation. 7, 1, p. 57-71
Publication: Research - peer-review › Journal article – Annual report year: 2014

Differential Geometry Applied to Rings and Möbius Nanostructures
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Experimental bifurcation analysis of an impact oscillator – Determining stability
Publication: Research - peer-review › Journal article – Annual report year: 2014

Frames and extension problems I
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Frames and extension problems II
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

From dual pairs of Gabor frames to dual pairs of wavelet frames and vice versa
Publication: Research - peer-review › Journal article – Annual report year: 2014

Galois towers over non-prime finite fields
Publication: Research - peer-review › Journal article – Annual report year: 2014

Good Towers of Function Fields
Publication: Research - peer-review › Book chapter – Annual report year: 2013
Iso-geometric shape optimization of magnetic density separators
Publication: Research - peer-review › Journal article – Annual report year: 2014

Mathematical modelling of dextran filtration through hollow fibre membranes
Publication: Research - peer-review › Journal article – Annual report year: 2014

Moving least squares simulation of free surface flows
Publication: Research - peer-review › Journal article – Annual report year: 2014

On entire functions restricted to intervals, partition of unities, and dual Gabor frames
Christensen, O., Kim, H. O. & Kim, R. Y. 2014 In : Applied and Computational Harmonic Analysis. 38, 1, p. 72-86
Publication: Research - peer-review › Journal article – Annual report year: 2014

On Parseval Wavelet Frames with Two or Three Generators via the Unitary Extension Principle
Publication: Research - peer-review › Journal article – Annual report year: 2014

On the sizes of expander graphs and minimum distances of graph codes
Publication: Research - peer-review › Journal article – Annual report year: 2014

On the subfield subcodes of Hermitian codes
Publication: Research - peer-review › Journal article – Annual report year: 2013

Optimal codes as Tanner codes with cyclic component codes
Publication: Research - peer-review › Journal article – Annual report year: 2014

Planar Parametrization in Isogeometric Analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Predicting optimal back-shock times in ultrafiltration hollow fibre modules through path-lines
Publication: Research - peer-review › Journal article – Annual report year: 2014

Prime tight frames
Publication: Research - peer-review › Journal article – Annual report year: 2012

Rotation reversal in a 1D turbulence spreading model
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014
Six problems in frame theory
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Sparse Matrices in Frame Theory
Lemvig, J., Krahmer, F. & Kutyniok, G. 2014 In : Computational Statistics. 29, 3-4, p. 547-568
Publication: Research - peer-review › Journal article – Annual report year: 2012

Timelike Constant Mean Curvature Surfaces with Singularities
Publication: Research - peer-review › Journal article – Annual report year: 2013

Topology of helical fluid flow
Andersen, M. & Brøns, M. 2014 In : European Journal of Applied Mathematics. 25, 03, p. 375-396
Publication: Research - peer-review › Journal article – Annual report year: 2014

Towards fusion energy as a sustainable energy source: Activities at DTU Physics
Rasmussen, J., Christensen, A. S., Dam, M., Jacobsen, A. S., Jensen, T., Jessen, M., Korsholm, S. B., Leipold, F.,
University of Denmark (DTU), 1 p.
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Vorticity generation and conservation for two-dimensional interfaces and boundaries
Publication: Research - peer-review › Journal article – Annual report year: 2015

An iterative method for the canard explosion in general planar systems
Brøns, M. 2013 Proceedings of the 9th AIMS International Conference: Dynamical Systems and Differential Equations,
DCDS Supplement 2013. American Institute of Mathematical Sciences, p. 77-83
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Bifurcation analysis and dimension reduction of a predator-prey model for the L-H transition
Dam, M., Brøns, M., Juul Rasmussen, J., Naulin, V. & Xu, G. 2013 In : Physics of Plasmas. 20, 10, p. 102302
Publication: Research - peer-review › Journal article – Annual report year: 2013

Bounding the number of points on a curve using a generalization of Weierstrass semigroups
Beelen, P. & Ruano, D. 2013 In : Designs, Codes and Cryptography. 66, 1-3, p. 221-230
Publication: Research - peer-review › Journal article – Annual report year: 2013

Construction of smooth compactly supported windows generating dual pairs of gabor frames
Christiansen, L. H. & Christensen, O. 2013 In : Asian-European Journal of Mathematics. 6, 1, 13 p., 1350011
Publication: Research - peer-review › Journal article – Annual report year: 2013

Estimates of the first Dirichlet eigenvalue from exit time moment spectra
Publication: Research - peer-review › Working paper – Annual report year: 2013

Extensions of Bessel sequences to dual pairs of frames
Christensen, O., Kim, H. O. & Kim, R. Y. 2013 In : Applied and Computational Harmonic Analysis. 34, 2, p. 224-233
Publication: Research - peer-review › Journal article – Annual report year: 2013

He-, Ne-, and Ar-phosgene intermolecular potential energy surfaces
Munteanu, C. R., Henriksen, C., Felker, P. M. & Fernández, B. 2013 In : Journal of Physical Chemistry Part A: Molecules,
Spectroscopy, Kinetics, Environment and General Theory. 117, 18, p. 3835-3843
Isogeometric shape optimization in fluid mechanics
Nørtoft, P. & Gravesen, J. 2013 In : Structural and Multidisciplinary Optimization. 48, 5, p. 909-925
Publication: Research - peer-review › Journal article – Annual report year: 2013

List Decoding of Algebraic Codes
Publication: Research › Ph.D. thesis – Annual report year: 2013

Mathematical modeling of the hypothalamic–pituitary–adrenal gland (HPA) axis, including hippocampal mechanisms
Andersen, M., Vinther, F. & Ottesen, J. T. 2013 In : Mathematical Biosciences. 246, 1, p. 122-138
Publication: Research - peer-review › Journal article – Annual report year: 2013

Multi-Trial Guruswami–Sudan Decoding for Generalised Reed–Solomon Codes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

On frame properties for Fourier-like systems
Christensen, O. & Osgooei, E. 2013 In : Journal of Approximation Theory. 172, p. 47-57
Publication: Research - peer-review › Journal article – Annual report year: 2013

On Rational Interpolation-Based List-Decoding and List-Decoding Binary Goppa Codes
Publication: Research - peer-review › Journal article – Annual report year: 2013

On the Dimension of Graph Codes with Reed–Solomon Component Codes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

On transforms between Gabor frames and wavelet frames
Christensen, O. & Goh, S. S. 2013 Proceedings of the 10th International Conference on Sampling Theory and Applications (SampTA). European Association for Signal Processing (EURASIP), p. 81-84
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Recent progress in the relative equilibria of point vortices — In memoriam Hassan Aref
Beelen, P., Brøns, M., Krishnamurthy, V. S. & Stremler, M. A. 2013 In : I U T A M. Procedia. 7, p. 3-12
Publication: Research - peer-review › Conference article – Annual report year: 2013

Refined ab initio intermolecular ground-state potential energy surface for the He–C2H2 van der Waals complex
Publication: Research - peer-review › Journal article – Annual report year: 2013

Regularity of Dual Gabor Windows
Christensen, O., Kim, H. O. & Kim, R. Y. 2013 In : Abstract and Applied Analysis. 2013, 8 p., 747268
Publication: Research - peer-review › Journal article – Annual report year: 2013

Ribbon Crystals
Bohr, J. & Markvorsen, S. 2013 In : P L o S One. 8, 10, 7 p., e74932
Publication: Research - peer-review › Journal article – Annual report year: 2013
The geometric Cauchy problem for surfaces with Lorentzian harmonic Gauss maps
Publication: Research - peer-review › Journal article – Annual report year: 2013

Topology of streamlines and vorticity contours for two-dimensional flows
Publication: Research › Ph.D. thesis – Annual report year: 2014

Vorticity generation and wake transition for a translating circular cylinder: Wall proximity and rotation effects
Publication: Research - peer-review › Journal article – Annual report year: 2013

Shearlets and Optimally Sparse Approximations
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Beneath the Wheel - Greenwood Engineering
Publication: Research › Report – Annual report year: 2005

Shearlets and Optimally Sparse Approximations
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Beneath the Wheel - Greenwood Engineering
Publication: Research › Report – Annual report year: 2005

Blaschke products and proper holomorphic mappings
Henriksen, C. 2001 In : Journal of Geometric Analysis. 11, 4, p. 624-625
Publication: Research - peer-review › Journal article – Annual report year: 2001

Farey curves
Publication: Research - peer-review › Journal article – Annual report year: 2001

Julia sets in parameter spaces
Buff, X. & Henriksen, C. 2001 In : Communications in Mathematical Physics. 220, 2, p. 333-375
Publication: Research - peer-review › Journal article – Annual report year: 2001

A characterization of spheres, circles and cardioids
Publication: Research - peer-review › Journal article – Annual report year: 1993

Loop groups and Yang-Mills theory in dimension two
Publication: Research - peer-review › Journal article – Annual report year: 1990

On the topology of spaces of holomorphic maps
Publication: Research - peer-review › Journal article – Annual report year: 1989

Complex structures in the Nash-Moser category
Publication: Research - peer-review › Journal article – Annual report year: 1989

Catastrophe Theory and Caustics
Publication: Research - peer-review › Journal article – Annual report year: 1983