Appendix A

Publications

Group	Name	Title	Journal	Vol.	Pages
T-DO	Bishop, Alan	Nonintegrable Schroediner Discrete Breathers	CHAOS	14	1130
T-DO	Bishop, Alan	Modeling Of Microscopic Sliding On Irregular Substrates	Surf. Sci.	566	816
T-DO	Bishop, Alan	Role Of Substrate Geometry In Sliding Friction	Nanotechnology	15	790
T-DO	Bishop, Alan	Local Edge Modes In Doped Cuprates With Checkerboard Polaronic Heterogeneity	J. Phys. Soc Jpn.	73	3223
T-DO	Bishop, Alan	Nonlinear Lattices Generated From Harmonic Lattices With Geometric Constraints	Phys. Rev. B.	70	47602
T-DO	Bishop, Alan	Modulation Instabilities And Domain Walls In Coupled Discrete Nonlinear Schroding Equations	Phys. Lett. A.	330	95
T-DO	Bishop, Alan	Nonlinear Friction Of A Damped Dimer Sliding On A Perioding Substrate	Phys. Rev. B.	70	195415
T-DO	Bishop, Alan	Inhomogeneity, Local Mode Formation . . . Complex Change-Transfer Systems	Phys. Rev. B.	70	184303
T-DO	Bishop, Alan	A Rich Example Of Geometrically-Induced Nonlinearity	Phys. Rev. E.	70	66627
T-DO	Bishop, Alan	Multiple Peaked Polarons In Soft Potentials	Phys. Rev. E.	70	25601
T-DO	Bishop, Alan	Strain-Induced Metal-Insulator Phase Coexistence In Perovskite Manganites	Nature	401	428
T-DO	Bishop, Alan	Temperature-Dependent Signatures Of Coherent Vibrational Openings In DNA	Nano Lett.	4	629
T-DO	Bishop, Alan	Quantum Paraelectricity Versus Ferroelectricity	Phys. Rev. B.	70	24104
T-DO	Bishop, Alan	Vibrational Edge Modes In Intrinsically Inhomogeneous Doped Transition Metal Oxides	Phys. Rev. B.	70	24514
T-DO	Bishop, Alan	Three-Plus Photon-Echo Spectroscopy As A Probe Of Photoexcited Electronic State	Phys. Rev. B.	70	161404
T-DO	Bishop, Alan	Survival Of Quantum Effects For Observables After Decoherence	Phys. Rev. A.	69	62110
T-DO	Bishop, Alan	Fibrillar Templates And Soft Phase In System With Short-Range Dipolar And Long-Range Interactions	Phys. Rev. Lett.	92	16801
T-DO	Bishop, Alan	Quantum Lattice Dynamical Effects On The Single Particle Excitations In 1D Mott	Phys. Rev. B.	69	165115
T-DO	Bishop, Alan	Nonlinearity From Geometric Interactions: A Case Example	Phys. Rev. E.	70	47602
T-DO	Bishop, Alan	Structurally Specific Dna Dynamics Determining Transcription Initiation Sites	Europhysics Lett.	68	127
T-DO	Bishop, Alan	Super-Roughening As A Disorder-Dominated Flat Phase	Europhysics Lett.	66	552
T-DO	Bishop, Alan	Doped Transition Metal Oxides: Networks Of Local Dist. Cor. By Elastic Fields	J. Phys. Chem. Solids	65	1449

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T-DO	Bishop, Alan	DNA Dynamically Directs Its Own Transcription Initiation	Nucleic Acid Research	32	1589
T-DO	Bishop, Alan	Dynamics And Melting Of Stripes, Crystals And Bubbles With Quenched Disorder	Physica D	193	303
T-DO	Bishop, Alan	Glassy Behavior In Systems With Kac-Type Stepfunction Interaction	Phys. Rev. E.	69	10501
T-DO	Dalvit, Diego	Survival Of Quantum Effects For Observables After Decoherence	Phys. Rev. A.	69	62110
T-DO	Dalvit, Diego	Conditional Quantum Dynamics With Several Observers	Phys. Rev. A.	63	22109
T-DO	Dalvit, Diego	Casimir Forces Between Eccentric Cylinders	Europhysics Lett.	67	517
T-DO	Dalvit, Diego	Model For Resonant Photon Creation In A Cavity With Time-Dependent Conductivity	Phys. Rev. A.	70	33811
T-DO	Dalvit, Diego	Hertz Potentials Approach To The Dynamical Casimir Effect In Cylindrical...	Journal of Optics B		
T-DO	Milonni, Peter	Lasers	Book	--	--
T-DO	Milonni, Peter	Fast Light, Slow Light, And Left-Handed Light	Book	--	--
T-DO	Milonni, Peter	Effects Of Propagation Through Atmospheric Turbulence On Photon Statistics	J. Opt. B	6	S742-S745
T-DO	Milonni, Peter	Influence Of Radiative Damping On The Optical-Frequency Susceptibility	Phys. Rev. A.	69	23814
T-DO	Milonni, Peter	Chirality And Polarization Effect In Nonlinear Optics	Pure and Applied Optics	6	S14
T-DO	Milonni, Peter	Microscopic Theory Of Modified Spontaneous Emission In A Dielectric	Phys. Rev. Lett.	92	53601
T-DO	Milonni, Peter	Effects Of Electrostatic Fields And Casimir Force On Cantilever Vibrations	Phys. Rev. B.	70	85407
T-DO	Milonni, Peter	Atom-Field Interactions With A Frequency-Dependent Reservoir	Phys. Rev. A.	70	53805
T-DO	Milonni, Peter	Simplified Derivation of the Hawking-Unruh Temp. for an Accelerated Observer in Vacuum	Am. J. Physics	1524	72
T-DO	Milonni, Peter	Improving The Sensitivity Of FM Spectroscopy Using Nano-Mech. Cantilevers	Applied Physics Letters	3896	85
T-DO	Milonni, Peter	Microlever Chilled Out	Nature	965	432
T-DO	Paz, Juan	Quantum Algorithms For Phase-Space Tomography	Phys. Rev. A.	69	042319-1-042319
T-DO	Paz, Juan	Optical Simulation Of Quantum Algorithms Using Programmable Liquid-Crystal Displays	Phys. Rev. A.	69	032312-1-032312-9
T-1	Burakovsky, L.	Cold Shear Modulus And Gruneisen Parameter At All Densities	Solid State Communications	132	151
T-1	Burakovsky, L.	Analytic Model of the Gruneisen Parameter at All Densities	J. Physics and Chemistry of Solids	65	1518
T-1	Burakovsky, L.	Unified Analytic Model of the Gruneisen Parameter, Melting Temperature, and Shea	Recent Research Developments in Physical Chemistry	5	193

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T-1	Burakovsky, L.	High-Pressure Melting of Molybdenum	Phys. Rev. Lett.	92	195701
T-1	Chisolm, Eric	Theoretical Estimates of the Logarithmic Phonon Spectral Moment For Monatomic Li	Phys. Rev. E.	68	31204
T-1	Clements, Brad	A Theory for Plastic-Bonded Materials with A Bimodal Size Distribution of Filler Particles	Modeling and Simulation in Materials Science and Engineering	12	407
T-1	Greeff, Carl	High Pressure Debye-Waller and Gurneisen Parameters of Gold and Copper	AIP Conference Proceedings	706	65
T-1	Greeff, Carl	Modeling Dynamic Phase Transitions in Ti Zr	AIP Conference Proceedings	706	209
T-1	Greeff, Carl	Lattice Dynamics and the High-Pressure Equation of State of Au	Phys. Rev. B.	69	54107
T-1	Holmstrom, Erik	Fermi-Surface Effect on Magnetic Interlayer Coupling	Phys. Rev. C.	70	64408
T-1	Holmstrom, Erik	Magnetic Moments and Exchange Interactions in Fe Multilayers	Phys. Rev. B.	70	94421
T-1	Holmstrom, Erik	Magnetism of Fe Clusters Embedded in a Co Matrix from First-Principles Theory	Phys. Rev. B.	70	174446
T-1	Holmstrom, Erik	On the Sharpness of the Interfaces in Metallic Multilayers	Proc. National Academy of Sciences	101	4742-4745
T-1	Holmstrom, Erik	Magnetic Phase Diagram of Fe Superlattices	J. Magnetism and Magnetic Materials	280	346-57
T-1	Johnson, James	Perturbatim Theory Calculation of the Pressure Electron-Ion System	Physica A	345	722
T-1	Kuprat, Andrew	Effect of Anisotropic Interfacial Energy on Grain Boundary Distributions During Grain Growth	Materials Science Forum	467-70	733-738
T-1	Mas, Eric	A Theory for Plastic-Bonded Materials with A Bimodal Size Distribution of Filler Particles	Modeling and Simulation in Materials Science and Engineering	12	407
T-1	Niklasson, Anders	Interactive Refinement Method for the Approximate Factorization of A Matrix Inverse	Phys. Rev. B.	70	193102
T-1	Niklasson, Anders	Magnetism of Fe Clusters Embedded In A Co Matrix from First-Principles Theory	Phys. Rev. B.	70	174446
T-1	Niklasson, Anders	Ab Initio Linear Scaling Response Theory: Electric Polarizability by Perturbed Projection	Phys. Rev. Lett.	92	193002
T-1	Niklasson, Anders	Density Matrix Perturbation Theory	Phys. Rev. Lett.	92	193001
T-1	Wallace, Duane	Theoretical Estimate of the Logarithmic Phonon Spectral Moment For Monatomic Liquids	Phys. Rev. E.	69	31204
T-1	Wills, John	Photoemission and the Electronic Structure of Pucoga(5)	Phys. Rev. Lett.	91	1764011-14
T-1	Wills, John	Electronic Structure of Delta-Pu and Puco(5) From Photoemission and the Mixed Level Model	Materials Research Society	802	239-244
T-1	Wills, John	A Novel Electronic Configuration of the 5f States In ! -Plutonium as Revealed by the Photo-Electron Spectra	Journal of Electron Spectroscopy and Related Phenomena	135	163-166

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T-3	Beyerlein, Irene	Shear-Lag Model for A Single Fiber Metal Matrix Composite with An Elastic-Plastic Matrix and A Slipping Interface	Int. J. Solid Struct.	41	4197-4218
T-3	Beyerlein, Irene	A Sub-Structure Based Hardening Model for Copper Under Loading Path Changes	Acta Materialia	35A	3763-3774
T-3	Beyerlein, Irene	Time Dependent Micromechanical Behavior In Graphite/Epox Composites...	Journal of Materials Science	38(5)	877-884
T-3	Hunke, Elizabeth	Modeling Sea Ice Transport Using Incremental Remapping	Monthly Weather Review	132	1341-1354
T-3	Hunke, Elizabeth	On the Consistent Scaling of Terms In the Sea Ice Dynamics Equation	J. Phys. Ocean.	34	1776-1780
T-3	Lipscomb, W.	Modeling Sea Ice Transport Using Incremental Remapping	Monthly Weather Review	132	1341-1354
T-3	Moses, Ronald	Ionospheric Profiling Through Radio-Frequency Signals . . . Int'l Reference Ionosphere	Advances in Space Research	34	2096
T-3	Vanderheyden, W.	Parallel Operation of Cartablanca on Shared and Distributed Memory Computers	Concurrency and Computation Practice and Experience	16, 1	61-77
T-4	Cohen, James	Capture Of Negative Exotic Particles By Atoms, Ions, And Molecules	Rep. Prog. Phys.	67	1769-1819
T-4	Cohen, James	Capture Of Antiprotons By Some Radioactive Atoms And Ions	Phys. Rev A.	69	22501
T-4	Cohen, James	Stripping And Excitation In Collisions Between P And He+ (N<=3) . . . Semiclassical Trajectories	Phys. Rev A.	69	32709
T-4	Cohen, James	Enhancement Of Intense Field Ionization Of Rydberg Atoms By Nonhydrogenic Cores And Quantum Mechanical Tunneling	J. Phys. B.	37	525
T-4	Colgan, James	Los Alamos Opacities: Transition From LEDCOP To ATOMIC	14th APS Topical Conference on Atomic Processes in Plasmas	730	168-180
T-4	Colgan, James	Triple-Differential Cross Sections For Two-Photon Double Ionization Of He Near Threshold	J. Phys. B.	38	L35
T-4	Colgan, James	Symmetrized Complex Amplitudes For He Double Photoionization . . .Complex Scaling Methods	Phys. Rev A.	70	64701
T-4	Colgan, James	Time-Dependent Close-Coupling Calculations For The Double Photoionization Of He And H2	J. Phys. B.	37	L377
T-4	Colgan, James	Dielectronic Recombination Data For Dynamic Finite-Density Plasmas. VI: The Boron Isoelectronic Sequence	Astronomy & Astrophysics	420	775
T-4	Colgan, James	A Collisional-Radiative Study Of Lithium Plasmas	Phys. Rev. E.	69	66405
T-4	Colgan, James	Lattice Calculations Of The Photoionization Of Li	Phys. Rev. Lett.	93	53201
T-4	Colgan, James	Dielectronic Recombination Data For Dynamic Finite-Density Plasmas. V: The Lithium Isoelectronic Sequence.	Astronomy & Astrophysics	417	1183

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T-4	Colgan, James	Double Photoionization Of Helium At High Photon Energies	J. Phys. B.	37	1153
T-4	Collins, Lee	Intense Laser-Induced Recombination: The Inverse ATI Process	Phys. Rev. A.	70	13407
T-4	Collins, Lee	Quantum Molecular Dynamics Simulations Of Shocked Nitrogen Oxide	Phys. Rev. B.	69	224207
T-4	Collins, Lee	Redistributing Rydberg Populations With Half-Cycle Pulses	Phys. Rev. A.	69	41402
T-4	Collins, Lee	Quantum Molecular Dynamics Simulations Of Shocked Molecular Liquids	AIP Conference Proceedings	706	289
T-4	Collins, Lee	Quantum Molecular Dynamics Calculations Of Rosseland Mean Opacities Properties	AIP Conference Proceedings	706	293
T-4	Collins, Lee	High Harmonic Generation From Intense Laser-Driven Inner Electrons Of Rydberg Atoms	Phys. Rev. A.	69	33405
T-4	Collins, Lee	Time-Dependent Simulations Of Large-Scale Quantum Dynamics	Physica Scripta	T110	408
T-4	Csanak, George	The Application F: . . .Dense He And Li Plasmas	J. Quant. Spectrosc. Radiat. Transfer	83	83-92
T-4	Csanak, George	Alignment Creation By Elastic Scattering: A Quantum Treatment	Proceed of the Japan-US Workshop on Plasma Polarization Spectroscopy		57
T-4	Cucchietti, F.	Universality Of The Lyapunov Regime For The Loschmidt Echo	Phys. Rev. B.	70	35311
T-4	Hakel, Peter	X-ray Line Polarization of He-Like Si Satellite Spectra in Plasmas Driven by High-Intensity Ultrashort Pulsed Lasers	Phys. Rev. E.	69	56405
T-4	Hu, Suxing	Triple-Differential Cross-Sections For Two-Photon Double Ionization Of He Near Threshold	J. Phys. B.	38	L35
T-4	Hu, Suxing	Phase Control Of The Inverse Above-Threshold-Ionization Process With Few-Cycle Pulses	Phys. Rev A.	70	35401
T-4	Hu, Suxing	Intense Laser-Induced Recombination: The Inverse Above-Threshold Ionization Process	Phys. Rev A.	70	13407
T-4	Hu, Suxing	Redistributing Populations Of Rydberg Atoms With Half-Cycle Pulses	Phys. Rev A.	69	041402(R)
T-4	Hu, Suxing	High-Order Harmonic Generation From Intense Laser-Driven Inner Electrons Of Rydberg Atoms	Phys. Rev A.	69	33405
T-4	James, Daniel	Deterministic Quantum Teleportation With Atoms	Nature	429	734
T-4	James, Daniel	Quantum Process Tomography Of A Controlled-NOT Gate	Phys. Rev. Lett.	93	80502
T-4	James, Daniel	Quantum State Tomography	Lecture Notes in Physics	649	113-145
T-4	James, Daniel	Controlling Three Atomic Qubits	Proceed. of the Are the Di Vencenzo Criteria fulfilled in 2004?	1	

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T-4	James, Daniel	Teleportation With Atoms	Proc. of the Inter. Conference on Atomic Physics 2004	1	
T-4	Kilcrease, David	Alignment Creation By Elastic Scattering: A Quantum Treatment	Proceedings of The Japan-US Workshop on Plasma Polarization Spectroscopy	57	
T-4	Magee, Norman Mazevet, Stephane	Los Alamos Opacities: Transition From LEDCOP To ATOMIC	14th APS Topical Conference on Atomic Processes in Plasmas	730	168-179
T-4	Mazevet, Stephane	Quantum Molecular Dynamical Simulations Of Warm, Dense Matter	14th APS Topical Conference on Atomic Processes in Plasmas	730	139-148
T-4	Mazevet, Stephane	Quantum Molecular Dynamics Simulations Of Shocked Nitrogen Oxide	Phys. Rev. B.	69	224207
T-4	Mazevet, Stephane	Ab Initio Simulations Of The Electrical And Optical Properties Of Shock Compressed Si02	Phys. Rev. B.	70	165108
T-4	Mazevet, Stephane	Time-Dependent Simulations Of Large-Scale Quantum Dynamics	Physica Scripta	T110	408
T-4	Mazevet, Stephane	QMD Simulations Of Shocked Liquids	14th APS Topical Conference on Atomic Processes in Plasmas	706	289
T-4	Mazevet, Stephane	Quantum Molecular Dynamics Calculations Of Rosseland Mean Opacities	14th APS Topical Conference on Atomic Processes in Plasmas	706	293
T-4	Ponomarenko, S.	Quantum Harmonic Oscillator Revisited: A Fourier Transform Approach	Am. J. Physics	72	1259
T-4	Ponomarenko, S.	The Energy Spectrum Of Nonstationary Ensembles Of Pulses	Optics Letters	29	394
T-4	Ponomarenko, S.	Asymmetric Incoherent Vector Solitons	Phys. Rev. E.	69	36604
T-4	Ponomarenko, S.	Correlation Matrix of a Completely Polarized, Statistically Stationary Electromagnetic Field	Optics Letters	29	1536
T-4	Ponomarenko, S.	Theory Of Incoherent Solitons: Beyond The Mean-Field Approximation	Phys. Rev E,.	70	015603(R)
T-4	Sherrill, Manolo	Los Alamos Opacities: Transition From LEDCOP To ATOMIC	14th APS Topical Conference on Atomic Processes in Plasmas	635	168-179
T-4	Vrinceanu, Daniel	Pressure Broadening And Shift Of He (23 P2,1,0)-He(23S) Lines	Phys. Rev A.	69	68402
T-4	Vrinceanu, Daniel	Strongly Magnetized Antihydrogen And Its Field Ionization	Phys. Rev. Lett.	92	133402
T-4	Vrinceanu, Daniel	Electron-Impact Broadening Of Sr+ Lines In Ultracold Neutral Plasmas	J. of Physics C: Condensed Matter	37	L371
T-6	Cox, Arthur	On The Driving Mechanism And Coexistence Of Variable And Nonvariable Stars	Astrophysical Journal	610	436
T-6	Heger, Alexander	Pulsational Analysis Of The Cores Of Massive Stars And Its Relevance To Pulsar Kicks	Astrophysical Journal	615	460
T-6	Heger, Alexander	Stability Of Supernova Ia Progenitors Against Radial Oscillations	Astrophysical Journal	615	378

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T-6	Heger, Alexander	The Effects Of Binary Evolution On The Dynamics Of Core Collapse And Neutron Star Kicks	Astrophysical Journal	612	1044
T-6	Heger, lexander	The Propagation And Eruption Of Relativistic Jets From The Stellar Progenitors Of Gamma-Ray Bursts	Astrophysical Journal	608	365
T-6	Heger, Alexander	Models For Type I X-Ray Bursts With Improved Nuclear Physics	Astrophysical J. Supplement	151	75
T-6	Heger, Alexander	On Heavy Element Enrichment In Classical Novae	Astrophysical Journal	602	931
T-6	Heger, Alexander	Sensitivity Of The C And O Production On The 3α Rate	Astrophysics and Space Science	291	27
T-6	Herwig, Falk	Evolution And Yields Of Extremely Metal-Poor Intermediate-Mass Stars	Astrophysical J. Supplement	1555	651
T-6	Herwig, Falk	Nuclear Reaction Rates And Carbon Star Formation	Astrophysical J. Lett.	613	73
T-6	Herwig, Falk	Enhanced Extra Mixing In Low-Mass Red Giants: Lithium Production And Thermal Stability	Astrophysical Journal	612	1081
T-6	Herwig, Falk	Dredge-Up And Envelope Burning In Intermediate-Mass Giants Of Very Low Metallicity	Astrophysical Journal	605	425
T-6	Holz, Daniel	Gravitational Waves From Stellar Collapse: Correlations To Explosion Asymmetries	Astrophysical Journal	609	288
T-6	Holz, Daniel	Consequences Of Gravitational Radiation Recoil	Astrophysical J. Lett.	607	9
T-6	Holz, Daniel	How Black Holes Get Their Kicks: Gravitational Radiation Recoil Revisited	Astrophysical J. Lett.	607	5
T-6	Jungman, Gerard	Characterizing Inflationary Perturbations: The Uniform Approximation	Phys. Rev. D.	70	83507
T-6	Luu, Thomas	Effective Interactions For The Three-Body Problem	Phys. Rev. C.	70	14316
T-6	Mihaila, Bogdan	BCS-BEC Crossover With A Finite-Range Interaction	Phys. Rev. B.	71	64513
T-6	Mihaila, Bogdan	Renormalizing The Schwinger-Dyson Equations In The Auxiliary Field Formulation Of Lambda Phi4 Field Theory	Phys. Rev. D.	70	105008
T-6	Timmes, Francis	Surface Hydrogen-Burning Modeling Of Supersoft X-Ray Binaries: Are They Type Ia Supernova Progenitors?	Astrophysical J. Lett.	612	53
T-6	Timmes, Francis	On Heavy Element Enrichment In Classical Novae	Astrophysical Journal	602	931
T-6	Warren, Michael	Large-Scale Bias And Stochasticity Of Haloes And Dark Matter	Monthly Notices of the Royal Astronomical Society	355	129
T-6	Warren, Michael	The Collapse Of Rotating Massive Stars In Three Dimensions.	Astrophysical Journal	601	391
T-6	Warren Michael	Diffuse X-Rays From The Inner 3 Parsecs Of The Galaxy	Astrophysical Journal	604	662
T-7	Chowell-Puente G.	Model Parameters And Outbreak Control For SARS	Emerging Infections Diseases	10	1258-1263

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T-7	Chowell-Puente G	The Reproductive Number Of Ebola And The Effects Of Public Health Measures: The Cases of Congo and Uganda	J. Theor Bio.	229	119-126
T-7	Gabitov, Ildar	Ghost-Pulse Reduction In 40-Gb/S Systems Using Line Coding	IEEE Photonics Technology Letters	16, 7	1784-6
T-7	Gabitov, Ildar	Inelastic Interchannel Collisions Of Pulses In Optical Fibers In The Presence Of Third-Order Dispersion	J. Opt. Soc. Am.	21, 1	18-23
T-7	Gabitov, Ildar	Periodic Compensation Of Polarization Mode Dispersion	J. Opt. Soc. Am.	21, 3	486-98
T-7	Gabitov, Ildar	PMD-Induced Fluctuations Of Bit-Error Rate In Optical Fiber Systems	Journal of Lightwave Technology	22, 4	1155-68
T-7	Garimella, Rao	MSTK: A Flexible Infrastructure Library For Developing Mesh-Based Applications	Proceedings of the 13th International Meshing Roundtable		203-212
T-7	Garimella, Rao	Polygonal Surface Mesh Improvement	Engineering with Computers	20, 3	265-272
T-7	Garimella Rao	Triangular And Quadrilateral Surface Mesh Quality Optimization Using Local Parametrization	Comput. Meths. in Appl. Mech. & Engr.	193, 9-11	913-928
T-7	Garimella Rao	Untangling Of 2D Meshes In ALE Simulations	J. Comp. Phys.	196, 2	627-644
T-7	Hagberg Aric	Bloch-Front Turbulence In A Periodically Forced Belousov-Zhabotinsky Reaction	Phys. Rev. Lett.	93	108305
T-7	Hagberg Aric	Two-Phase Resonant Patterns In Forced Oscillatory Systems	Physica D	199	201-222
T-7	Hagberg Aric	Resonance Tongues And Patterns In Periodically Forced Reaction-Diffusion Systems	Phys. Rev. E.	69	66217
T-7	Hagberg Aric	Frequency Locking In Extended Systems: The Impact Of A Turing Mode	Europhysics Lett.	69	170-176
T-7	Holm, Darryl	Momentum Maps And Measure Valued Solutions . . . For The Diffeomorphism Group	In The Breadth of Symplectic and Poisson Geometry		120-141
T-7	Holm, Darryl	Soliton Dynamics In Computational Anatomy	NEeuroImage	23, 1	S170-S178
T-7	Holm, Darryl	Traveling Wave Solutions For A Class Of One-Dimensional Nonlinear Shallow Water Wave Models	J. Dyn. Diff. Eqn.	16	167-178
T-7	Holm, Darryl	Rotating Concentric Circular Peakons	Nonlinearity	17, 6	2163-2186
T-7	Holm, Darryl	Multi-Frequency Craik-Criminale Solutions Of The Navier-Stokes Equations	J. Fluid Mechanics	506	207-15
T-7	Holm, Darryl	Euler-Poincare Formulation And Elliptic Instability For Nth-Gradient Fluids	J. Phys. A.	37, 30	7609-23
T-7	Holm, Darryl	On Asymptotically Equivalent Shallow Water Wave Equations	Physica D	190, 1-2	1-14
T-7	Holm, Darryl	Craik-Criminale Solutions And Elliptic Instability In Nonlinear-Reactive Closure Models For Turbulence	Physics of Fluids	16, 4	853-66

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T-7	Holm, Darryl	CO_2 Molecule As A Quantum Realization Of The 1:1:2 Resonant Swing-Spring With Monodromy	Phys. Rev. Lett.	93, 2	024302/1-4
T-7	Holm, Darryl	Nonlinear Regularization For Large-Eddy Simulation	Proceedings of DLES5		5-14
T-7	Hyman, James	Modeling The Spread Of Influenza Among Cities	Bioterrorism: Math. Modeling Applications in Homeland Security		211-236
T-7	Hyman, James	A Numerical Study Of The Exact Evolution Equations For Surface Waves In Water Of Finite Depth	Studies in Applied Mathematics	113, 3	303-324
T-7	Hyman, James	The Basic Reproductive Number Of Ebola And The Effects Of Public Health Measures: The Cases Of Congo And Uganda	J. Theor Bio.	229, 1	119-126
T-7	Hyman, James	The Convergence Of Mimetic Discretization For Rough Grids	Computers and Mathematics with Applications	47, 10-11	1565-1610
T-7	Hyman, James	Computer Arithmetic For Probability Distribution Variables	Reliability Engineering and System Safety	85, 1-3	191-209
T-7	Hyman, James	Epidemiological Models For Mutating Pathogens	SIAM J. Appl. Math	65, 1	1-23
T-7	Hyman, James	Model Parameters And Outbreak Control For SARS	Emerging Infections Diseases	10,7	1258-1263
T-7	Jiang, Yi	On Biological Lattice Gas Models, In "Dynamics And Bifurcation Of Patterns In Dissipative Systems"	World Scientific Series on Nonlinear Science	12	274-291
T-7	Jiang, Yi	Role Of Streams In Aggregation Formation In Myxobacteria	Phys. Biol.	1	173-183
T-7	Jiang, Yi	Lattice Gas Cellular Automata Model For Rippling In Myxobacteria	Physica D	191	343
T-7	Jiang, Yi	Two-Stage Aggregate Formation Via Streams In Myxobacteria	Phys. Rev. Lett.	93	173-183
T-7	Kurien, Susan	Parity-Breaking Statistics In Turbulence Simulations: The 2/15-Law	J. Fluid Mechanics	515	87
T-7	Kurien, Susan	Sign-Symmetry Of Temperature Structure Functions	Phys. Rev. E.	69	66315
T-7	Kurien, Susan	Cascade Time-Scales Of Energy And Helicity In Homogeneous, Isotropic Turbulence	Phys. Rev. E.	69	66313
T-7	Li, Weiye	Computer Arithmetic For Probability Distribution Variables	Reliability Engineering and System Safety	85(1-3	191-209
T-7	Li, Shengtai	A New Integrable Hierarchy, Parametric Solutions And Traveling Wave Solutions	Mathematical Physics, Analysis and Geometry	7	289-308
T-7	Li, Shengtai	Adjoint Sensitivity For Pdes With Adaptive Mesh Refinement	J. Comp. Phys.	198	310-325
T-7	Li, Shengtai	A Novel Approach Of Divergence-Free Reconstruction For Adaptive Mesh Refinement	J. Comp. Phys.	199	15-Jan
T-7	Lipnikov, K.	On A Parallel Algorithm For Controlled Hessian-Based Mesh Adaptation	Proc. of 3rd Conf. Appl. Geometry	1	154-166
T-7	Lipnikov, K.	Error Estimates For Hessian-Based Mesh Adaptation Algorithms With Control Of Adaptivity	Proceedings of the 13th International Meshing Roundtable		345-351

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T-7	Lipnikov, K.	On Control Of Adaptation In Parallel Mesh Generation	Engineering with Computers	20	193-201
T-7	Lipnikov, K.	Mimetic Finite Difference Methods For Diffusion Equations On Non-Orthogonal Non-Conformal Meshes	J. Comp. Phys.	199	589-597
T-7	Loubere, Raphael	A Lagrangian Discontinuous Galerkin Type Method On Unstructured Meshes	Int. J. Num. Meth. in Fluids	44	645-663
T-7	Shashkov, Mikhail	Polygonal Surface Mesh Optimization	Engineering with Computers	20	265-272
T-7	Shashkov, Mikhail	Analysis And Optimization Of Inner Products For Mimetic Finite Difference Methods On Triangular Grid	Mathematics and Computers in Simulation	67	55-66
T-7	Shashkov, Mikhail	Mimetic Finite Finite Difference Methods For Diffusion Equations On Non-Orthogonal Non-Conformal Meshes	J. Comp. Phys.	199	589-597
T-7	Shashkov, Mikhail	Remapping, Recovery And Repair On Staggered Grid	Comput. Meths. in Appl. Mech. & Engr.	193	4139-4155
T-7	Shashkov, Mikhail	The Repair Paradigm And Application To Conservation Laws	J. Comp. Phys.	198	265-277
T-7	Shashkov, Mikhail	Untangling Of 2D Meshes In ALE Simulations	J. Comp. Phys.	196	627-644
T-7	Shashkov, Mikhail	Triangular And Quadrilateral Surface Mesh Quality Optimization Using Local Parametrization	Comput. Meths. in Appl. Mech. & Engr.	193	913-928
T-7	Tartakovsky, D.	A Perturbation Solution To The Transient Henry Problem For Seawater Intrusion	Proc. of the XV Int. Conf. Comput. Meth. in Water Resources	2	1573-1582
T-7	Tartakovsky, D.	Uncertainty Quantification For Flow In Highly Heterogeneous Porous Media	Proc. of the XV Int. Conf. Comput. Meth. in Water Resources	1	695-704
T-7	Tartakovsky, D.	Transient Flow In A Heterogeneous Vadose Zone With Uncertain Parameters	Vadose Zone J.	3(1)	154-163
T-7	Tartakovsky, D.	Probabilistic Reconstruction Of Geologic Facies	J. Hydrol.	294 (1-3)	57-67
T-7	Tartakovsky, D.	Nonlocal and Localized Analyses of Conditional Mean Transient. . . Porous Media	Water Resour. Res.	40	doi:10.1029/ 2003WR00
T-7	Tartakovsky, D.	Delineation Of Geologic Facies With Statistical Learning Theory	Geophys. Res. Lett.	31	doi:10.1029/ 2004GL02
T-7	Tartakovsky, D.	A Two-Scale Non-Perturbative Approach To Uncertainty Analysis Of Diffusion In Random Composites	Multiscale Modeling and Simulation	2 (4)	662-674
T-7	Tartakovsky, D.	Effective Properties Of Random Composites	SIAM J. Sci. Comp	26(2)	625-635
T-7	Vixie, Kevin	Variational Analysis, PDE's And Image Analysis: The Big Picture And A Sampling Of Details	Contemp. Problems in Math. Physics: Proc. of 3rd Int'l Workshop		
T-7	Wohlberg, Brendt	Classification Modulo Invariance, With Application To Face Recognition	Journal of Computational and Graphical Statistics	12,4	829-852
T-7	Wohlberg, Brendt	Delineation Of Geologic Facies With Statistical Learning Theory	Geophys. Res. Lett.	31,18	L18502
T-8	Abazajian, Kevork	The Second Data Release Of The Sloan Digital Sky Survey	Astronomical Journal	128	502

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T-8	Abazajian, Kevork	Cosmological Parameters From SDSS And WMAP	Phys. Rev. D.	69	103501-1 - 103501-26
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T-8	Bhattacharya, T.	The Transition To Classical Chaoe In A Coupled Quantum System Through Continuous Measurement	Phys. Rev A.	69	52116
T-8	Cooper, Frederick	Renormalizing The Schwinger-Dyson Equations . . . Lambda Phi^4 Field Theory	Phys. Rev. D.	70	105008
T-8	Cooper, Frederick	SUSY Production From A Tev Scale Blackhole At The LHC	Phys. Rev. D.	70	75018
T-8	Cooper, Frederick	J/Psi Production In Pp Collisions At Square Root Of S = 200 Gev At RHIC	Phys. Rev. Lett.	93	171801
T-8	Friedland, A.	Solar Neutrinos As Probes Of Neutrino -- Matter Interactions	Phys. Lett. B.	594	347
T-8	Friedland, A.	Atmospheric Neutrinos As Probes Of Neutrino -- Matter Interactions	Phys. Rev. D.	70	111301
T-8	Gupta, Rajan	Calculating Epsilon'/Epsilon Using HYP Staggered Fermions	e-Print Archive	hep-lat	409046
T-8	Gupta, Rajan	Testing Improved Staggered Fermions With M_S And B_K	e-Print Archive	hep-lat	409047
T-8	Habib, Salman	The Transition To Classical Chaos In A Coupled Quantum System Through Continuous Measurement	Phys. Rev A.	69	52116
T-8	Habib, Salman	Quantum Feedback Control Of Atomic Motion In An Optical Cavity	Phys. Rev. Lett.	92	223004
T-8	Habib, Salman	Nonlinear And Nonequilibrium Dynamics In Geomaterials	Phys. Rev. Lett.	93	65501
T-8	Habib, Salman	Characterizing Inflationary Perturbations: The Uniform Approximation	Phys. Rev. D.	70	83507
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T-8	Habib, Salman	Inflationary Perturbations And Precision Cosmology	e-Print Archive	astro-ph	501130
T-8	Mottola, Emil	Gravitational Vacuum Condensate Stars	Proc. Ntl. Academy of Sciences (USA)	111	9545-9550
T-8	Nieto, Michael	The Route To Ultra-Low Energy Antihydrogen	Physics Reports	402	1-101
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T-8	Nieto, Michael	Detection Of Antineutrinos For Non-Proliferation	e-Print Archive	nucl-th	309018
T-8	Nieto, Michael	Resource Note on Photofission of Nuclei for ^{235}U and ^{239}Pu Detection	Nucl. Science & Engr.	108	458-461
T-8	Nieto, Michael	Pioneer Anomaly Put To The Test	Physics World	17, 9	21-22
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T-8	Shirman, Yuri	Fermions On An Interval: Quark And Lepton Masses Without A Higgs	Phys. Rev. D.	70	15012
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T-8	Steck, Daniel	Quantum Feedback Control Of Atomic Motion In An Optical Cavity	Phys. Rev. Lett.	92	223004
T-8	Xu, Yongzhong	How Accurately Can Suborbital Experiments Measure The CMB	e-Print Archive	astro-ph	406375
T-8	Xu, Yongzhong	The Second Data Release Of The Sloan Digital Sky Survey	Astronomical Journal	128	502
T-8	Xu, Yongzhong	The Three-Dimensional Power Spectrum Of Galaxies From The Sloan Digital Sky Survey	Astrophysical Journal	606, 2	702-740
T-8	Xu, Yongzhong	Cosmological Parameters From SDSS And WMAP	Phys. Rev. D.	69	103501-1 - 103501-26
T-10	Blinov, Mikhail	Local Center Conditions For Able Equation And Cyclicity Of It Zero Solution	Book	2	1
T-10	Blinov, Mikhail	BioNetGen: Software For Rule-Based Modeling . . . Molecular Domains	Bioinformatics	20	3289-91
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T-10	Bruno, William	The Sequence And Analysis Of Duplication-Rich Human Chromosome 16	Nature	432	988-94
T-10	Dahari, Harel	Hepatitis C Virus Kinetics And Host Responses Associated With Disease And Outcome Of Infection	Hepatology	39	1709-20
T-10	Dahari, Harel	Antiviral Action Of Ribavirin In Chronic Hepatitis C	Gastroenterology	126	703-14
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T-10	Gaschen, Brian	Tracking Global Patterns Of N-Linked Glycosylation Site . . . influenza hemagglutinin	Global Biochemical Cycles	14	1229-46
T-10	Gnanakaran, S.	Atomic Simulations Of Protein Folding, Using The Replica Exchange Algorithm.	Methods and Applications of Analysis	383	119-149
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T-10	Goldstein, Byron	Effects Of The Geometry Of The Immunological Synapse On The Delivery Of Effector molecule	Biophys. J.	87	2215-2220
T-10	Goldstein, Byron	Mathematical Models Of Immune Receptor Signaling	Nature Reviews Immunol.	4	445-456
T-10	Goldstein, Byron	Equilibrium Thermodynamics Of Cell-Cell Adhesion Mediated By Multiple Ligand-Rece	Biophys. J.	86	1408-1423
T-10	Hlavacek, William	BioNetGen: Software For Rule-Based Modeling Of Signal Transduction Based On the Interactions of Molecular Domains	Bioinformatics	20	3289-3291
T-10	Hlavacek, William	Interaction Of Monoclonal Ige-Specific Antibody With Cell Surface Ige-Fceri: Characterization Of Equilibrium Binding And Secretory Response	Biochemistry	43	11352-11360

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T-10	Korber, Bette	Heterosexual Transmission Of Envelop-Constrained, Neutralization-Sensitive HIV-1	Science	303	2019-22
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T-10	Kuiken, Carla	Recombination Following Superinfection By HIV-1	J. of AIDS	18(2)	153-9
T-10	Kuiken, Carla	Tracking Global Patt3erns Of N-Linked Glycosylation Site Variation In Highly Variable Viral Glycoproteins: HIV, SIV And HCV Envelopes And Influenza Hemagglutinin	Global Biochemical Cycles	14 (12)	1229-46
T-10	Kuiken, Carla	Long-Term Survivors In Nairobi: Complete HIV-1 RNA Sequences And Immunogenetic Associations	J. Infect. Dis.	190 (4)	697-701
T-10	Kuiken, Carla	Construction Of An Infectious HIV Type 1 Molecular Clone From An African Patient With Subtype D/C Recombinant Virus	AIDS Res. Hum. Retroviruses	20(9)	1015-8
T-10	Labute, Montiago	An Anderson Impurity Model For Efficient Sampling Of Adiabatic Potential Energy Surfaces Of Transition Metal Complexes	J. Chem. Phys.	121	8221-8230
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T-10	Leitner, Thomas	A Detailed Picture Of The Origin Of The Australian Dingo, Obtained From The Study of Mitochondrial DNA	Proc. Ntl. Academy of Sciences of USA	101	12387-12390
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T-10	Macken, Catherine	Homology Model Of The Structure Of Influenza B Virus HA1	J. General Virology	85	3249-59
T-10	McMahon, B.	Bulk-Solvent And Hydration-Shell Fluctuations, Similar To Alpha And Beta-Fluctuations	Proc. Ntl. Academy of Sciences of USA	101	14408-14413

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T-10	Perelson, Alan	Modeling How Ribavirin Improves Interferon Response Rates In Hepatitis C Virus	Nature	432	922-924
T-10	Perelson, lan	Predicting The Impact Of A Nonsterilizing Vaccine Against Human Immunodeficiency	Journal of Virology	78	11340-11351
T-10	Perelson, Alan	Dynamics Of Intermittent Viremia . . . Virus Type 1 Infections	Journal of Virology	78	10566-10573
T-10	Perelson, Alan	Kinetics Of Virus Specific CD8+ T Cells And The Control Of HIV Infection	Journal of Virology	78	10566-10573
T-10	Perelson, Alan	Estimates Of Intracellular Delay And Average Drug Efficacy Form Viral Load Data	Antiviral Therapy	9	237-246
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T-10	Perelson, Alan	Modelling The Impact Of Antigen Kinetics On T Cell Activation And Response	Immunol. Cell Biology	82	55-61
T-10	Perelson, Alan	Virus Dynamics And Immune Response During Treatment In Patients Co-Infected With hepatitis C and HIV	J. AIDS	35	103-113
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T-10	Perelson, Alan	An Age-Structured Model Of HIV Infection That Allows For Variations . . .	Math. Biosci.	1	267-188
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T-10	Perelson, Alan	Hepatitis B Virus Kinetics And Mathematical Modeling	Sem. Liv. Dis.	24	16-Nov
T-10	Perelson, Alan	Effects Of Antibody On Viral Kinetics In SHIV Infection: Implications For Vaccination	Journal of Virology	78	5520-5522

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T-10	Ribeiro, Ruy	The Analysis Of HIV Dynamics Using Mathematical Models	Book	0	0
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T-10	Ribeiro, Ruy	Effects Of Antibody On Viral Kinetics In SHIV Infection: Implications For Vaccine	Journal of Virology	78	5520-5522
T-10	Ribeiro, Ruy	Hepatitis B Virus Kinetics And Mathematical Modeling	Sem. Liv. Dis.	24	16-Nov
T-10	Ribeiro, Ruy	Kinetics Of Virus Specific CD8+ T Cells And The Control Of HIV Infection	Journal of Virology	78	10096-10103
T-10	Ribeiro, Ruy	Controlling The HIV Epidemic With A Non-Sterilizing Vaccine	Journal of Virology	78	11340-11351
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T-10	Stajic, Jelena	The Nature Of Superfluidity In Ultracold Fermi Gases Near Freshbach Resonances	Phys. Rev A.	69	63610
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T-10	Tung, C.-S.	Atomic Structure Of The T Thermophlus 70S Ribosome Developed In Silico	Biophys. J.	87	2714-2722
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T-10	Tung, C.-S.	Homology Model Of The Structure Of Influenza Virus HA1	J. General Virology	85	3249-3259
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T-11	Graf, Matthias	Lattice Dynamics And The High Pressure Equation Of State	Phys. Rev. B.	69	54107
T-11	Gubernatis, James	Direct Observation Of Itinerant Ferromagnetism In The 5f-Electron System Ute	Phys. Rev. Lett.	93	267205
T-11	Gubernatis, James	Investigating Magnetic Properties By Quantum Monte Carlo Simulations	J. Magnetism and Magnetic Materials	281	240
T-11	Gubernatis, James	Intermediate Coupling Theory Of Electronic Ferroelectricity	Phys. Rev. Lett.	92	187601
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T-11	Kaneshita, Eiji	Local Edge Modes In Doped Cuprates With Checkerboard Polaronic Heterogeneity	J. Phys. Soc. Jpn.	73	3223
T-11	Kaneshita, Eiji	Vibrational Edge Modes In Intrinsically Heterogeneous Doped Transition Metal Oxides	Phys. Rev. B.	70	224514
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