

TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - Lovison, Alberto
PY - 2013//
TI - Microscopic structures from reduction of continuum nonlinear problems
JO - ATTI DELLA ACCADEMIA PELORITANA DEI PERICOLANTI, CLASSE DI SCIENZE
FISICHE, MATEMATICHE E NATURALI
SP - 1
EP - 20
SN - 1825-1242
ID - CARDIN2013
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - Anna, Francesco De
AU - Tebaldi, Claudio
PY - 2013//
TI - Stationary solutions for forced Reduced MHD on the 2-torus
JO - JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS
SP - 599
EP - 605
VL - 403
SN - 0022-247X
ID - CARDIN2013
ER -
TY - JOUR
AU - BERNARDI, OLGA
AU - CARDIN, F. CARDIN Franco
AU - GUZZO, MASSIMILIANO
PY - 2013//
TI - CONVERGENCE TO THE TIME AVERAGE BY STOCHASTIC REGULARIZATION
JO - JOURNAL OF NONLINEAR MATHEMATICAL PHYSICS
SP - 9
EP - 27
SN - 1402-9251
ID - BERNARDI2013
ER -
TY - JOUR
AU - Bernardi, Olga
AU - CARDIN, F. CARDIN Franco
AU - Guzzo, Massimiliano
PY - 2013//
TI - New estimates for Evans' Variational Approach to Weak KAM Theory
JO - COMMUNICATIONS IN CONTEMPORARY MATHEMATICS
SP - 1
EP - 36
SN - 0219-1997
ID - Bernardi2013
ER -
TY - JOUR

AU - CARDIN, F. CARDIN Franco
AU - Vazzoler, Simone
PY - 2013//
TI - Symplectic rigidity and weak commutativity
JO - JOURNAL OF SYMPLECTIC GEOMETRY
SP - 1
EP - 4
VL - Vol. 11, Number 2
SN - 1527-5256
ID - CARDIN2013
ER -
TY - JOUR
AU - BERNARDI, O.
AU - CARDIN, F. CARDIN Franco
PY - 2011//
TI - On C^∞ -variational solutions for Hamilton-Jacobi equations
JO - DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS
SP - 385
EP - 406
VL - 31, Number 2
SN - 1078-0947
ID - BERNARDI2011
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - G, DE MARCO
AU - A, SFONDRINI
PY - 2011//
TI - Finite reduction and Morse index estimates for mechanical systems
JO - NODEA-NONLINEAR DIFFERENTIAL EQUATIONS AND APPLICATIONS
SP - 1
EP - 13
SN - 1021-9722
ID - CARDIN2011
ER -
TY - JOUR
AU - O, BERNARDI
AU - CARDIN, F. CARDIN Franco
AU - A, SICONOLFI
PY - 2009//
TI - Cauchy problems for stationary Hamilton-Jacobi equations under mild regularity assumptions
JO - JOURNAL OF GEOMETRIC MECHANICS
SP - 271
EP - 294
VL - Vol.1
SN - 1941-4889
ID - 02009
ER -
TY - JOUR

AU - O, BERNARDI
AU - CARDIN, F. CARDIN Franco
AU - M., GUZZO
AU - L, ZANELLI
PY - 2009//
TI - A PDE approach to finite time indicators in Ergodic Theory
JO - JOURNAL OF NONLINEAR MATHEMATICAL PHYSICS
SP - 195
EP - 206
VL - 16
SN - 1402-9251
ID - 02009
ER -
TY - JOUR
AU - A, LOVISON
AU - CARDIN, F. CARDIN Franco
AU - A, BOBBO
PY - 2009//
TI - Discrete structures equivalent to non-linear Dirichlet and wave equations
JO - CONTINUUM MECHANICS AND THERMODYNAMICS
SP - 27
EP - 40
VL - 21, Number 1
SN - 0935-1175
ID - A2009
ER -
TY - JOUR
AU - A, TURCO
AU - D, PASSERONE
AU - CARDIN, F. CARDIN Franco
PY - 2009//
TI - Tonelli Principle: Finite Reduction and Fixed Energy Molecular Dynamics Trajectories
JO - MULTISCALE MODELING & SIMULATION
SP - 1171
EP - 1191
VL - 7, Issue 3
SN - 1540-3459
ID - A2009
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - C, TEBALDI
PY - 2008//
TI - Finite Reductions for Dissipative Systems and Viscous Fluid-Dynamic Models on \mathbb{T}^2
JO - JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS
SP - 213
EP - 222

VL - 345/1
SN - 0022-247X
ID - CARDIN2008
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - A, LOVISON
AU - T, GRAMCHEV
PY - 2008//
TI - Exponential estimates for oscillatory integrals with degenerate phase functions
JO - NONLINEARITY
SP - 409
EP - 433
VL - 21
SN - 0951-7715
ID - CARDIN2008
ER -
TY - JOUR
AU - L, ZANELLI
AU - P., GUIOTTO
AU - CARDIN, F. CARDIN Franco
PY - 2008//
TI - Integral representations for the Schroedinger propagator
JO - REPORTS ON MATHEMATICAL PHYSICS
SP - 19
EP - 56
VL - 62
SN - 0034-4877
ID - L2008
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - C, VITERBO
PY - 2008//
TI - Commuting Hamiltonians and Hamilton-Jacobi multi-time equations
JO - DUKE MATHEMATICAL JOURNAL
SP - 235
EP - 284
VL - 144
SN - 0012-7094
ID - CARDIN2008
ER -
TY - JOUR
AU - M, GUZZO
AU - O, BERNARDI
AU - CARDIN, F. CARDIN Franco
PY - 2007//
TI - The experimental localization of Aubry-Mather sets using regularization techniques inspired by viscosity theory

JO - CHAOS
SP - 033107-1
EP - 033107-9
VL - 17
SN - 1054-1500
ID - M2007
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - A, LOVISON
AU - M, PUTTI
PY - 2007//
TI - Implementation of an exact finite reduction scheme for steady-state reaction-diffusion equations
JO - INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING
SP - 1804
EP - 1818
VL - 69
SN - 0029-5981
ID - CARDIN2007
ER -
TY - JOUR
AU - P., BETTIOL
AU - CARDIN, F. CARDIN Franco
PY - 2006//
TI - LAGRANGIAN SUBMANIFOLD LANDSCAPES OF NECESSARY CONDITIONS FOR MAXIMA IN OPTIMAL CONTROL: GLOBAL PARAMETERIZATIONS AND GENERALIZED SOLUTIONS
JO - JOURNAL OF MATHEMATICAL SCIENCES
SP - 3125
EP - 3144
VL - 135
SN - 1072-3374
ID - P.2006
ER -
TY - JOUR
AU - O., BERNARDI
AU - CARDIN, F. CARDIN Franco
PY - 2006//
TI - SOME GLOBAL FEATURES OF WAVE PROPAGATION
JO - RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO
SP - 19
EP - 29
VL - Serie 2, n. 78
SN - 0009-725X
ID - 0.2006
ER -
TY - JOUR
AU - O., BERNARDI
AU - CARDIN, F. CARDIN Franco
PY - 2006//

TI - Minimax and viscosity solutions of Hamilton-Jacobi equations in the convex case.

JO - COMMUNICATIONS ON PURE AND APPLIED ANALYSIS

SP - 793

EP - 812

VL - 5

SN - 1534-0392

ID - 0.2006

ER -

TY - JOUR

AU - O, BERNARDI

AU - CARDIN, F. CARDIN Franco

PY - 2006//

TI - On Poincaré-Birkhoff periodic orbits for mechanical Hamiltonian systems on $T^*\{\mathbb{T}^n\}$

JO - JOURNAL OF MATHEMATICAL PHYSICS

SP - 072701-1

EP - 072701-15

VL - 47

SN - 0022-2488

ID - 02006

ER -

TY - JOUR

AU - BETTIOL, P.

AU - CARDIN, F. CARDIN Franco

PY - 2005//

TI - Landscapes of necessary conditions for the maxima in optimal control using Lagrangian submanifolds' global parametrizations and generalized solutions (in russian), Geom. Zadachi Teor. Upr

JO - SOVREMENNAYA MATEMATIKA I EE PRILOZHENIYA

SP - 36

EP - 55

VL - 21

SN - 1512-1712

ID - BETTIOL2005

ER -

TY - JOUR

AU - CARDIN, F. CARDIN Franco

AU - A., LOVISON

PY - 2005//

TI - Lack of critical phase points and exponentially faint illumination

JO - MECCANICA

SP - 65

EP - 71

VL - 40

SN - 0025-6455

ID - CARDIN2005

ER -

TY - JOUR

AU - CARDIN, F. CARDIN Franco

AU - MARIGONDA, A.
PY - 2004//
TI - Global World Functions
JO - JOURNAL OF GEOMETRY AND SYMMETRY IN PHYSICS
SP - 1
EP - 17
VL - 2
SN - 1312-5192
ID - CARDIN2004
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - M., FAVRETTI
PY - 2004//
TI - On the Helmholtz-Boltzmann thermodynamics of mechanical systems
JO - CONTINUUM MECHANICS AND THERMODYNAMICS
SP - 15
EP - 29
VL - 16
SN - 0935-1175
ID - CARDIN2004
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - Favretti, M.
PY - 2003//
TI - Dynamics of a chain of springs with non convex potential energy
JO - MATHEMATICS AND MECHANICS OF SOLIDS
SP - 651
EP - 669
VL - 8
SN - 1081-2865
ID - CARDIN2003
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 2003//
TI - Global Finite Generating Functions for Field Theory
JO - BANACH CENTER PUBLICATIONS
SP - 133
EP - 142
VL - 59
SN - 0137-6934
ID - CARDIN2003
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 2002//
TI - The global finite structure of generic envelope loci for Hamilton-Jacobi equations

JO - JOURNAL OF MATHEMATICAL PHYSICS
SP - 417
EP - 430
VL - 43
SN - 0022-2488
ID - CARDIN2002
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - S., SELLERS
PY - 1999//
TI - A NOTION OF CONDITIONAL TOTAL STABILITY FOR CONSERVATION LAW
JO - ATTI DELLA ACCADEMIA DELLE SCIENZE DI TORINO. CLASSE DI SCIENZE
FISICHE MATEMATICHE E NATURALI
SP - 1
EP - 17
VL - 133
SN - 0001-4419
ID - CARDIN1999
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - A., ARSIE
PY - 1999//
TI - COMPUTATION OF CAUSTICS RELATED TO GEOMETRICAL SOLUTIONS WITH
ARBITRARY INITIAL DATA OF THE EIKONAL EQUATION,
JO - IL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA. B, GENERAL
PHYSICS, RELATIVITY, ASTRONOMY AND MATHEMATICAL PHYSICS AND METHODS
SP - 575
EP - 586
VL - 114
SN - 1594-9982
ID - CARDIN1999
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - FAVRETTI, M.
PY - 1998//
TI - Hyper-impulsive motion on manifolds
JO - DYNAMICS OF CONTINUOUS DISCRETE AND IMPULSIVE SYSTEMS
SP - 1
EP - 21
VL - 4
SN - 1201-3390
ID - CARDIN1998
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - M., FAVRETTI
PY - 1998//

TI - When is a vector field injective?
 JO - NODEA-NONLINEAR DIFFERENTIAL EQUATIONS AND APPLICATIONS
 SP - 367
 EP - 406
 VL - 5
 SN - 1021-9722
 ID - CARDIN1998
 ER -
 TY - JOUR
 AU - MORO, G.J.
 AU - CARDIN, F. CARDIN Franco
 PY - 1998//
 TI - Saddle point avoidance due to inhomogeneous friction
 JO - CHEMICAL PHYSICS
 SP - 189
 EP - 200
 VL - 235
 SN - 0301-0104
 ID - MORO1998
 ER -
 TY - JOUR
 AU - MORO, G.J.
 AU - CARDIN, F. CARDIN Franco
 PY - 1997//
 TI - Variational layer expansion for kinetic processes
 JO - PHYSICAL REVIEW E
 SP - 4918
 EP - 4934
 VL - 55
 SN - 1063-651X
 ID - MORO1997
 ER -
 TY - JOUR
 AU - CARDIN, F. CARDIN Franco
 PY - 1996//
 TI - TOPOLOGICAL ASYMPTOTIC REALIZATION OF HOLONOMIC CONSTRAINTS
 JO - RENDICONTI DEL SEMINARIO MATEMATICO
 SP - 237
 EP - 243
 VL - 54
 SN - 0373-1243
 ID - CARDIN1996
 ER -
 TY - JOUR
 AU - CARDIN, F. CARDIN Franco
 AU - M., FAVRETTI
 PY - 1996//
 TI - On nonholonomic and vakonomic dynamics of mechanical systems with non integrable constraints
 JO - JOURNAL OF GEOMETRY AND PHYSICS

SP - 295
EP - 325
VL - 18
SN - 0393-0440
ID - CARDIN1996
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1995//
TI - ON TOPOLOGICAL DEGREE AND POINCARÉ' DUALITY
JO - ATTI DELLA ACCADEMIA NAZIONALE DEI LINCEI. RENDICONTI LINCEI.
MATEMATICA E APPLICAZIONI
SP - 73
EP - 78
VL - 6
SN - 1120-6330
ID - CARDIN1995
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - M., SPERA
PY - 1995//
TI - SOME TOPOLOGICAL PROPERTIES OF GENERALIZED HYPERELASTIC MATERIALS
JO - MECCANICA
SP - 727
EP - 734
VL - 30
SN - 0025-6455
ID - CARDIN1995
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1993//
TI - ON VISCOSITY AND GEOMETRICAL SOLUTIONS OF HAMILTON JACOBI
EQUATIONS
JO - NONLINEAR ANALYSIS
SP - 713
EP - 719
VL - 20
SN - 0362-546X
ID - CARDIN1993
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1991//
TI - GEOMETRICAL CAUCHY PROBLEM FOR H-J EQUATION AND WAVE PROPAGATION, Le
Matematiche, Vol. XLVI, fasc. I - 1991, p.71 - 76.
JO - LE MATEMATICHE
SP - 71
EP - 76

VL - 46
SN - 0373-3505
ID - CARDIN1991
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1991//
TI - MORSE FAMILIES AND CONSTRAINED MECHANICAL SYSTEMS. GENERALIZED
HYPERELASTIC MATERIALS
JO - MECCANICA
SP - 161
EP - 167
VL - 26
SN - 0025-6455
ID - CARDIN1991
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - G., ZANZOTTO
PY - 1990//
TI - ON CONTINUUM THEORIES INVOLVING QUASILINEAR FIRST ORDER NON-
CONSERVATIVE SYSTEMS WITH INVOLUTIONS AND A SUPPLEMENTARY INEQUALITY
JO - CONTINUUM MECHANICS AND THERMODYNAMICS
SP - 53
EP - 63
VL - 6
SN - 0935-1175
ID - CARDIN1990
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1989//
TI - ON THE GEOMETRICAL CAUCHY PROBLEM FOR THE HAMILTON-JACOBI EQUATION
JO - IL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA. B, GENERAL
PHYSICS, RELATIVITY, ASTRONOMY AND MATHEMATICAL PHYSICS AND METHODS
SP - 525
EP - 544
VL - 104
SN - 1594-9982
ID - CARDIN1989
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
AU - ZANZOTTO, G.
PY - 1989//
TI - ON CONSTRAINED MECHANICAL SYSTEMS: D'ALEMBERT'S AND GAUSS'
PRINCIPLES
JO - JOURNAL OF MATHEMATICAL PHYSICS
SP - 1473
EP - 1479

VL - 30
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ID - CARDIN1989
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1984//
TI - EXISTENCE AND UNIQUENESS THEOREMS FOR VISCOUS FLUIDS CAPABLE OF HEAT CONDUCTION IN A RELATIVISTIC THEORY OF NON STATIONARY THERMODYNAMICS
JO - ANNALES DE L'INSTITUT HENRI POINCARÉ-PHYSIQUE THEORIQUE
SP - 171
EP - 189
VL - 41
SN - 0246-0211
ID - CARDIN1984
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1983//
TI - A GENERALIZED THEORY OF CLASSICAL MECHANICS FOR THE TWO BODY PROBLEM
JO - RENDICONTI DEL SEMINARIO MATEMATICO DELL'UNIVERSITÀ DI PADOVA
SP - 134
EP - 151
VL - 69
SN - 0041-8994
ID - CARDIN1983
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1982//
TI - PRECESSION OF THE PERIHELION WITHIN A GENERALIZED THEORY FOR THE TWO BODY PROBLEM
JO - ATTI DELLA ACCADEMIA NAZIONALE DEI LINCEI. RENDICONTI DELLA CLASSE DI SCIENZE FISICHE, MATEMATICHE E NATURALI
SP - 339
EP - 346
VL - 72
SN - 0392-7881
ID - CARDIN1982
ER -
TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1980//
TI - A NOTE ON A VARIATIONAL FORMULATION OF THE EINSTEIN EQUATIONS FOR THERMO-ELASTIC MATERIALS
JO - ATTI DELLA ACCADEMIA NAZIONALE DEI LINCEI. RENDICONTI DELLA CLASSE DI SCIENZE FISICHE, MATEMATICHE E NATURALI
SP - 45
EP - 53
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ID - CARDIN1980
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TY - JOUR
AU - CARDIN, F. CARDIN Franco
PY - 1980//
TI - ON POCKET AND EMPIRICAL TEMPERATURES. AN ALTERNATIVE CHOICE FOR HEAT
FLUX VECTOR IN ECKART'S RELATIVISTIC THERMODYNAMICS
JO - RENDICONTI DEL SEMINARIO MATEMATICO DELL'UNIVERSITA' DI PADOVA
SP - 301
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VL - 63
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CONTRIBUTI IN ATTI DI CONVEGNI:

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AU - WAVES AND STABILITY IN CONTINUOUS MEDIA,
PY - 2008//
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BT - Proceedings of the 14th Conference on WASCOM 2007
SP - 108
EP - 117
PB - World Scientific
CY - Baia Samuele, Sicily, Italy
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ER -
TY - CONF
AU - CARDIN, F. CARDIN Franco
AU - M., FAVRETTI
AU - WASCOM 2001 11th Conference on Waves and Stability in Continuous
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PY - 2002//
TI - Helmholtz-Boltzmann thermodynamics on Configurations Space
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SP - 130
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CY - Porto Ercole (Grosseto)
ID - CARDIN2002
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TY - CONF

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PY - 2001//
TI - Global Geometrical Solutions for Hamilton-Jacobi Equations of Evolutive Type
BT - -
SP - 124
EP - 129
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ER -
TY - CONF
AU - CARDIN, F. CARDIN Franco
AU - M., FAVRETTI
AU - -,
PY - 1999//
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SP - 420
EP - 425
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ID - CARDIN1999
ER -
TY - CONF
AU - CARDIN, F. CARDIN Franco
AU - M., FAVRETTI
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PY - 1997//
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BT - XIII Congresso Nazionale dell'AIMETA
SP - 35
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ID - CARDIN1984
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A2 - Civita, T. Levi
A2 - AAVV, U. Amaldi e.
PY - 2012//
TI - Aspetti variazionali della meccanica II
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SP - 331
EP - 372
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AU - BENENTI, S.
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A2 - BENENTI, S.
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