

Author index to volumes 1–10

- Abbati, M.C., R. Cirelli, A. Manià and P. Michor, The Lie group of automorphisms of a principal bundle 6 (1989) 215
- Abbati, M.C., R. Cirelli and A. Manià, The orbit space of the action of gauge transformation group of connections 6 (1989) 537
- Aguirre-Dabán, E., C. Fernández and J. Sánchez-Rodríguez, Cosmological redshift in conformal spacetimes. The Segal's model 3 (1986) 55
- Albert, C., Le théorème de réduction de Marsden–Weinstein en géométrie cosymplectique et de contact 6 (1989) 627
- Aldaya, V., J.A. de Azcárraga and R.W. Tucker, Group theoretical approach to the equivalence principle for uniformly accelerated frames 3 (1986) 303
- Alekseev, A., L. Faddeev and S. Shatashvili, Quantization of symplectic orbits of compact Lie groups by means of the functional integral 5 (1988) 391
- Alekseevsky, D.V. and M.M. Graev, Calabi–Yau metric on the Fermat surface. Isometries and totally geodesic submanifolds 7 (1990) 21
- Alekseevsky, D.V. and M.M. Graev, G -structures of twistor type and their twistor spaces 10 (1993) 203
- Andersson, L., Momenta and reduction for general relativity 4 (1987) 289
- Arens, R., The dynamic differential forms of the Klein–Gordon field and the conformal group 1(1) (1984) 1
- Arnal, D. and J.C. Cortet, *-Products in the method of orbits for nilpotent groups 2(2) (1985) 83
- Arnal, D., M. Cahen and S. Gutt, Deformations on coadjoint orbits 3 (1986) 327
- Arnal, D., Differential cohomology of $C^\infty(\mathfrak{G}^*)$ 4 (1987) 439
- Arnold, V.I., On the interior scattering of waves, defined by hyperbolic variational principles 5 (1988) 305
- Ashtekar, A., C. Rovelli and L. Smolin, Self duality and quantization 8 (1992) 7
- Astashov, A.M. and A.M. Vinogradov, On the structure of Hamiltonian operators in field theory 3 (1986) 263
- Atiyah, M. and G. Segal, On equivariant Euler characteristics 6 (1989) 671

- Atiyah, M.F. and L. Jeffrey, Topological Lagrangians and cohomology 7 (1990) 119
- Audin, M., Quelques remarques sur les surfaces lagrangiennes de Givental 7 (1990) 583
- Aurell, E. and C. Itzykson, Rational billiards and algebraic curves 5 (1988) 191
- Avron, J.E. and R. Seiler, On the quantum Hall effect 1(3) (1984) 13
- Bambusi, D., Clifford algebra description of non-Abelian gauge fields 7 (1990) 1
- Bartocci, C. and U. Bruzzo, Some remarks on the differential-geometric approach to supermanifolds 4 (1987) 391
- Bartocci, C., U. Bruzzo and D. Hernández Ruipérez, A remark on a new category of supermanifolds 6 (1989) 509
- Baston, R.J., Quaternionic complexes 8 (1992) 29
- Baum, H., 1-forms over the moduli space of irreducible connections defined by the spectrum of Dirac operators 4 (1987) 503
- Beem, J.K. and P.E. Parker, Pseudoconvexity and general relativity 4 (1987) 71
- Beilinson, A.A., V.A. Ginsburg and V.V. Schechtman, Koszul duality 5 (1988) 317
- Berenstein, A.D. and A.V. Zelevinsky, Tensor product multiplicities and convex polytopes in partition space 5 (1988) 453
- Berestycki, H. and L. Nirenberg, Monotonicity, symmetry and antisymmetry of solutions of semilinear elliptic equations 5 (1988) 237
- Bernstein, J.N., On the support of Plancherel measure 5 (1988) 663
- Betounes, D., The geometry of gauge-particle field interaction: a generalization of Utiyama's theorem 6 (1989) 107
- Betounes, D., Global shift operators and the higher order calculus of variations 10 (1993) 185
- Bilal, A. and J.-L. Gervais, Construction of constant curvature punctured Riemann surfaces with particle-scattering interpretation 5 (1988) 277
- Blau, M. and L. Dabrowski, Pin structures on manifolds quotiented by discrete groups 6 (1989) 143
- Bleecker, D.D., Diffusive inflationary cosmology 7 (1990) 363
- Bruzzo, U., see C. Bartocci 4 (1987) 391
- Bruzzo, U., see C. Bartocci 6 (1989) 509
- Bruzzo, U. and J.A. Domínguez Pérez, Line bundles over families of (super) Riemann surfaces. I: The non-graded case 10 (1993) 251

- Bruzzo, U. and J.A. Domínguez Pérez, Line bundles over families of (super) Riemann surfaces. II: The graded case 10 (1993) 269
- Budinich, P. and A. Trautman, An introduction to the spinorial chessboard 4 (1987) 361
- Burdet, G. and M. Perrin, A geometric insight into the Fokker–Planck equation 4 (1987) 81
- Burstall, F., O. Muškarov, G. Grantcharov and J. Rawnsley, Hermitian structures on Hermitian symmetric spaces 10 (1993) 245
- Cabras, A. and A.M. Vinogradov, Extensions of the Poisson bracket to differential forms and multi-vector fields 9 (1992) 75
- Cahen, M. and S. Gutt, Discrete spectrum of the hydrogen atom; an illustration of deformation theory methods and problems 1(2) (1984) 65
- Cahen, M., M. Flato, S. Gutt and D. Sternheimer, Do different deformations lead to the same spectrum? 2(1) (1985) 35
- Cahen, M., see D. Arnal 3 (1986) 327
- Cahen, M., see J. Rawnsley 7 (1990) 45
- Cahen, M., J. Leroy, M. Parker, F. Tricerri and L. Vanhecke, Lorentz manifolds modelled on a Lorentz symmetric space 7 (1990) 571
- Cahen, M., S. Gutt and A. Trautman, Spin structures on real projective quadrics 10 (1993) 127
- Caio, J. and C. Negreiros, Harmonic maps into periodic flag manifolds and into loop groups 7 (1990) 339
- Cantrijn, F., J.F. Cariñena, M. Crampin and L.A. Ibort, Reduction of degenerate Lagrangian systems 3 (1986) 353
- Cantrijn, F., see M. Crampin 4 (1987) 469
- Carfora, M., Initial data sets, conformal geometry and the topology of physical space in general relativity 3 (1986) 145
- Cariñena, J.F., see F. Cantrijn 3 (1986) 353
- Cariñena, J.F., C. Lopez and N. Roman-Roy, Geometric study of the connection between the Lagrangian and Hamiltonian constraints 4 (1987) 315
- Carter, B., Outer curvature and conformal geometry of an imbedding 8 (1992) 53
- Cassa, A., A ring structure on $\mathcal{L}_0(\mathbb{C}^4)$ and an inverse twistor function formula 3 (1986) 191
- Catenacci, R., M. Cornalba and C. Reina, Classical solutions of $\mathbb{C}P^n$ non-linear σ -models. An algebraic geometrical description 1(1) (1984) 53
- Cedó, F. and J. Llibre, Symmetric central configurations of the spatial n -body problem 6 (1989) 367

- Cendra, H., A. Ibort and J. Marsden, Variational principles on principal fiber bundles: a geometric theory of Clebsch potentials and Lin constraints 4 (1987) 183
- Cirelli, R., see M.C. Abbati 6 (1989) 215
- Cirelli, R., see M.C. Abbati 6 (1989) 537
- Clarke, C.J.S. and A. Królak, Conditions for the occurrence of strong curvature singularities 2(2) (1985) 127
- Coquereaux, R., Noncommutative geometry and theoretical physics 6 (1989) 425
- Cornalba, M., see R. Catenacci 1(1) (1984) 53
- Cortet, J.C., see D. Arnal 2(2) (1985) 83
- Cotfas, N., Topological manifolds and vector bundles with applications to crystal physics 10 (1993) 107
- Cotta-Ramusino, P. and C. Reina, The action of the group of bundle-automorphisms on the space of connections and the geometry of gauge theories 1(3) (1984) 121
- Crampin, M., see F. Cantrijn 3 (1986) 353
- Crampin, M., F. Cantrijn and W. Sarlet, Lifting geometric objects to a cotangent bundle, and the geometry of the cotangent bundle of a tangent bundle 4 (1987) 469
- Crumeyrolle, A., Structures symplectiques, structures complexes, spineurs symplectiques et transformation de Fourier 2(3) (1985) 107
- Czyz, J., On Lie supergroups and superbundles defined via the Baker–Campbell–Hausdorff formula 6 (1989) 595
- Dabrowski, L., see M. Blau 6 (1989) 143
- Dabrowski, L. and M. Rinaldi, Spin structures, spinors and the Dirac operator: real versus complex manifolds 6 (1989) 651
- Davis, S., A constraint on the geometry of Yang–Mills theories 4 (1987) 405
- De Azcárraga, J.A., see V. Aldaya 3 (1986) 303
- De Gosson, M.A., Cocycles de Demazure–Kashiwara et géométrie méta-plectique 9 (1992) 255
- Del Olmo, M.A. and M. Santander, A study of the action from kinematical integral geometry point of view 7 (1990) 171
- Deruelle, N., Cosmologies primordiales, leurs variétés, leurs contraintes 4 (1987) 133
- De Wilde, M., P.B.A. Lecomte and D. Melotte, Invariant star-products on symplectic manifolds 2(1) (1985) 121
- Dhooghe, P.F., Backlund equations on Kac–Moody–Lie algebras and integrable systems 1(2) (1984) 9
- Dillen, F., R. Rosca, L. Verstraelen and L. Vrancken, Pseudo-isotropic Lorentzian hypersurfaces in Minkowski space 9 (1992) 149

- Dittmann, J. and G. Rudolph, On a connection governing parallel transport along 2×2 density matrices 10 (1993) 93
- Domínguez Pérez, J.A., see U. Bruzzo 10 (1993) 251
- Domínguez Pérez, J.A., see U. Bruzzo 10 (1993) 269
- Donaldson, S.K., Boundary value problems for Yang–Mills fields 8 (1992) 89
- Donato, P., Revêtements du groupe des quantomorphismes de l'oscillateur harmonique 2(1) (1985) 73
- Droz-Vincent, P., Relativistic quantum mechanics with non conserved number of particles 2(1) (1985) 101
- Dubois-Violette, M., The theory of overdetermined linear systems and its applications to non-linear field equations 1(2) (1984) 139
- Dubois-Violette, M., The Weil–B.R.S. algebra of a Lie algebra and the anomalous terms in gauge theory 3 (1986) 525
- Dufour, J.P. and J.P. Tueno, Singularités et photographies de surfaces 9 (1992) 173
- Duval, C., J. Elhadad and G.M. Tuynman, Hyperfine interaction in a classical hydrogen atom and geometric quantization 3 (1986) 401
- Eastwood, M. and C. LeBrun, Fattening complex manifolds: curvature and Kodaira–Spencer maps 8 (1992) 123
- Edgar, S.B., Sufficiency of the Ricci equations for characterizing the Riemann tensor 7 (1990) 191
- Ehrlich, P.E. and S.-B. Kim, A focal index theorem for null geodesics 6 (1989) 657
- Elhadad, J., see C. Duval 3 (1986) 401
- Faddeev, L., see A. Alekseev 5 (1988) 391
- Feigin, B.L. and D.B. Fuchs, Cohomology of some nilpotent subalgebras of the Virasoro and Kac–Moody Lie algebras 5 (1988) 209
- Fernández, C., see E. Aguirre-Dabán 3 (1986) 55
- Ferrario, C. and A. Passerini, Dynamical symmetries in constrained systems: a Lagrangian analysis 9 (1992) 121
- Finley III, J.D. and J.F. Plebański, Equations for twisting, type-N, vacuum Einstein spaces without a need for Killing vectors 8 (1992) 173
- Flato, M., see M. Cahen 2(1) (1985) 35
- Flato, M. and C. Fronsdal, Composite electrodynamics 5 (1988) 37
- Flato, M. and C. Fronsdal, Parastatistics, highest weight $\mathfrak{osp}(N, \infty)$ modules, singleton statistics and confinement 6 (1989) 293

- Fradkin, E.S. and M.Ya. Palchik, Exactly solvable models of conformal-invariant quantum field theory in D -dimensional space 5 (1988) 601
- Franc, A., Spin structures and Killing spinors on lens spaces 4 (1987) 277
- Françoise, J.-P. and M. Irigoyen, Non-integrable Hamiltonian systems and the Heun equation 10 (1993) 231
- Friedrich, H., Existence and structure of past asymptotically simple solutions of Einstein's field equations with positive cosmological constant 3 (1986) 101
- Fronsdal, C., see M. Flato 5 (1988) 37
- Fronsdal, C., see M. Flato 6 (1989) 293
- Fronsdal, C., What is a covariant derivative? 7 (1990) 305
- Fuchs, D.B., see B.L. Feigin 5 (1988) 209
- Fulp, R.O., Affine geometries defined by fiber preserving diffeomorphisms 7 (1990) 201
- Galloway, G.J., Some connections between global hyperbolicity and geodesic completeness 6 (1989) 127
- Garcia Perez, P.L. and J. Muñoz Masqué, Differential invariants on the bundles of linear frames 7 (1990) 395
- Gershkovich, V. and A. Vershik, Nonholonomic manifolds and nilpotent analysis 5 (1988) 407
- Gervais, J.-L., see A. Bilal 5 (1988) 277
- Gibbons, G.W., Typical states and density matrices 8 (1992) 147
- Gindikin, S., Conformal harmonic analysis on hyperboloids 10 (1993) 175
- Gindikin, S.G., Integral geometry, twistors and generalised conformal structures 5 (1988) 19
- Ginsburg, V.A., see A.A. Beilinson 5 (1988) 317
- Goldberg, J.N., Quantized self-dual Maxwell field on a null surface 8 (1992) 163
- Goncharov, A.B., Integral geometry on families of surfaces in the space 5 (1988) 571
- Gotay, M.J., Reduction of homogeneous Yang–Mills fields 6 (1989) 349
- Goze, M., Perturbations des superalgèbres de Lie 6 (1989) 583
- Grabowski, J., Abstract Jacobi and Poisson structures. Quantization and star-products 9 (1992) 45
- Graev, M.I., Integral geometry and separation of continuous and discrete spectra in regular representation of $PSL(2, \mathbb{R})$ 5 (1988) 183
- Graev, M.M., see D.V. Alekseevsky 7 (1990) 21
- Graev, M.M., see D.V. Alekseevsky 10 (1993) 203
- Grantcharov, G., see F. Burstall 10 (1993) 245

- Grunewald, F. and G. Margulis, Transitive and quasitransitive actions of affine groups preserving a generalized Lorentz-structure 5 (1988) 493
- Guilarte, J.M., The supersymmetric sigma model, topological quantum mechanics and knot invariants 7 (1990) 255
- Guillemin, V., E. Lerman and S. Sternberg, On the Kostant multiplicity formula 5 (1988) 721
- Gurevich, D., V. Rubtsov and N. Zobin, Quantization of Poisson pairs: the R -matrix approach 9 (1992) 25
- Gusyatnikova, V.N., A.M. Vinogradov and V.A. Yumaguzhin, Secondary differential operators 2(2) (1985) 23
- Gutt, S., see M. Cahen 1(2) (1984) 65
- Gutt, S., see M. Cahen 2(1) (1985) 35
- Gutt, S., see D. Arnal 3 (1986) 327
- Gutt, S., see J. Rawnsley 7 (1990) 45
- Gutt, S., see M. Cahen 10 (1993) 127
- Habermann, K., The twistor equation on Riemannian manifolds 7 (1990) 469
- Harnad, J. and M. Jacques, The supersymmetric soliton correlation matrix 2(1) (1985) 1
- Hebey, E., Courbure scalaire et géométrie conforme 10 (1993) 345
- Heil, A., A. Kersch, N.A. Papadopoulos, B. Reifenhäuser, F. Scheck and H. Vogel, Anomalies from the point of view of G -theory 6 (1989) 237
- Heil, A., A. Kersch, N.A. Papadopoulos, B. Reifenhäuser and F. Scheck, Structure of the space of reducible connections for Yang–Mills theories 7 (1990) 489
- Heilig, U. and H. Pfister, Characterization of free fall paths by a global or local Desargues property 7 (1990) 419
- Helfer, A.D., Stein covers for curved twistor spaces 4 (1987) 261
- Hernández Ruipérez, D., see C. Bartocci 6 (1989) 509
- Hodgkin, L., Problems of fields on super Riemann surfaces 6 (1989) 333
- Horváthy, P.A., Étude géométrique du monopole magnétique 1(3) (1984) 39
- Ibort, A., see H. Cendra 4 (1987) 183
- Ibort, L.A., see F. Cantrijn 3 (1986) 353
- Iglesias, P., Un théorème de décomposition, relatif à une classe de systèmes dynamiques isolés 1(1) (1984) 37
- Irigoyen, M., see J.-P. Francoise 10 (1993) 231
- Isenberg, J. and E.J. Marsden, The York map is a canonical transformation 1(1) (1984) 85

- Itzykson, C., see E. Aurell 5 (1988) 191
 Iwai, T., The geometry of the $SU(2)$ Kepler problem 7 (1990) 507
 Iyer, S.V., see C.N. Kozameh 8 (1992) 195
- Jacques, M., see J. Harnad 2(1) (1985) 1
 Jadczyk, A., Symmetry of Einstein–Yang–Mills systems and dimensional reduction 1(2) (1984) 97
 Janeczko, S., A note on singular lagrangian submanifolds 2(3) (1985) 33
 Jeffrey, L., see M.F. Atiyah 7 (1990) 119
- Kastler, D. and R. Stora, Lie–Cartan pairs 2(3) (1985) 1
 Kastler, D. and R. Stora, A differential geometric setting for BRS transformations and anomalies I 3 (1986) 437
 Kastler, D. and R. Stora, A differential geometric setting for BRS transformations and anomalies II 3 (1986) 483
 Kastler, D., The Koszul formulae for graded Lie–Cartan pairs (super BRS operator) 4 (1987) 523
 Kazhdan, D. and G. Laumon, Gluing of perverse sheaves and discrete series representation 5 (1988) 63
 Kerbrat, Y. and H. Kerbrat-Lunc, Spontaneous symmetry breaking and principal fibre bundles 3 (1986) 221
 Kerbrat, Y., H. Kerbrat-Lunc and J. Śniatycki, How to get masses from Kaluza–Klein theory 6 (1989) 311
 Kerbrat-Lunc, H., see Y. Kerbrat 3 (1986) 221
 Kerbrat-Lunc, H., see Y. Kerbrat 6 (1989) 311
 Kersch, A., see A. Heil 6 (1989) 237
 Kersch, A., see A. Heil 7 (1990) 489
 Khesin, B.A., Ergodic interpretation of integral hydrodynamic invariants 9 (1992) 101
 Kijowski, J. and G. Rudolph, On the hydrodynamical description of gauge theories 2(1) (1985) 25
 Kijowski, J. and G. Magli, Relativistic elastomechanics as a lagrangian field theory 9 (1992) 207
 Kim, S.-B., see P.E. Ehrlich 6 (1989) 657
 Kirchberg, K.D., The first eigenvalue of the Dirac operator on Kähler manifolds 7 (1990) 449
 Kirillov, A.A. and D.V. Yuriev, Representations of the Virasoro algebra by the orbit method 5 (1988) 351
 Kirillov, A.A., A remark on the Gelfand–Tsetlin patterns for symplectic groups 5 (1988) 473
 Kirillov, A.N., On the Kostka–Green–Foulkes polynomials and Clebsch–Gordan numbers 5 (1988) 365

- Klimek-Chudy, S. and W. Kondracki, On the θ -theories and the multivalued wave functions 1(3) (1984) 1
- Kolář, I., A geometrical version of the higher order Hamilton formalism in fibred manifolds 1(2) (1984) 127
- Kondracki, W., see S. Klimek-Chudy 1(3) (1984) 1
- Kondracki, W. and P. Sadowski, Geometric structure on the orbit space of gauge connections 3 (1986) 421
- Kozameh, C.N., E.T. Newman and S.V. Iyer, Non-local equations for general relativity 8 (1992) 195
- Krichever, I.M. and S.P. Novikov, Virasoro–Gelfand–Fuks type algebras, Riemann surfaces, operator’s theory of closed strings 5 (1988) 631
- Królak, A., see C.J.S. Clarke 2(2) (1985) 127
- Lamoureux-Brousse, L., Conjugaisons finies et milieux continus en relativité générale 4 (1987) 51
- Landi, G. and C. Reina, Symplectic dynamics on the universal Grassmannian 9 (1992) 235
- Larsen, J.C., On gradient dynamical system on semi-Riemannian manifolds 6 (1989) 517
- Larsen, J.C., Singular semi-Riemannian geometry 9 (1992) 3
- Laumon, G., see D. Kazhdan 5 (1988) 63
- Lazzarini, S. and J.-F. Pommaret, Lie pseudogroups and differential sequences: new perspectives in two-dimensional conformal geometry 10 (1993) 47
- LeBrun, C., see M. Eastwood 8 (1992) 123
- Lecomte, P.B.A., see M. de Wilde 2(1) (1985) 121
- Lerman, E., see V. Guillemin 5 (1988) 721
- Lerner, D.E., The linear system for self-dual gauge fields in a spacetime of signature 0 8 (1992) 211
- Leroy, J., see M. Cahen 7 (1990) 571
- Levendorskiĭ, S.Z. and Ya.S. Soibelman, Some applications of the quantum Weyl groups 7 (1990) 241
- Lewandowski, J. and P. Nurowski, Cartan’s chains and Lorentz geometry 7 (1990) 63
- Lichnerowicz, A., Killing spinors, twistor-spinors and Hijazi inequality 5 (1988) 1
- Llibre, J., see F. Cedó 6 (1989) 367
- Lopez, C., see J.F. Cariñena 4 (1987) 315
- MacCallum, M.A.H. and S.T.C. Siklos, Algebraically special hypersurface-homogeneous Einstein spaces in general relativity 8 (1992) 221

- Magli, G., see J. Kijowski 9 (1992) 207
- Magnin, L., Sur les algèbres de Lie nilpotentes de dimension ≤ 7 3 (1986) 119
- Maillard, J.M., On the twisted convolution product and the Weyl transformation of tempered distributions 3 (1986) 231
- Manià, A., see M.C. Abbati 6 (1989) 215
- Manià, A., see M.C. Abbati 6 (1989) 537
- Manin, Yu.I., Neveu–Schwarz sheaves and differential equations for Mumford superforms 5 (1988) 161
- Marathe, K.B. and G. Martucci, The geometry of gauge fields 6 (1989) 1
- Margulis, G., see F. Grunewald 5 (1988) 493
- Marsden, E.J., see J. Isenberg 1(1) (1984) 85
- Marsden, J., see H. Cendra 4 (1987) 183
- Martin, G., Almost complex structures that model nonlinear geometries 4 (1987) 21
- Martin, G., Fermi transport and Weylian electromagnetism 6 (1989) 395
- Martucci, G., see K.B. Marathe 6 (1989) 1
- Masmoudi, M., Tangential formal deformations of the Poisson bracket and tangential star products on a regular Poisson manifold 9 (1992) 155
- Mason, L.J. and G.A.J. Sparling, Twistor correspondences for the soliton hierarchies 8 (1992) 243
- Mazer, A. and T. Ratiu, Hamiltonian formulation of adiabatic free boundary Euler flows 6 (1989) 271
- McDuff, D., The moment map for circle actions on symplectic manifolds 5 (1988) 149
- Mehdi, M., Réduction des variétés bihamiltoniennes et construction de l'opérateur de récursion 9 (1992) 225
- Melotte, D., see M. de Wilde 2(1) (1985) 121
- Merkulov, S.A., Holomorphic geometry of non-perturbative superstring theories 10 (1993) 155
- Michor, P., see M.C. Abbati 6 (1989) 215
- Michor, P.W., A generalization of Hamiltonian mechanics 2(2) (1985) 67
- Migdal, A.A., Dynamically triangulated random surfaces 5 (1988) 711
- Milhorat, J.-L., Connexions conformes sur un fibré vectoriel 6 (1989) 559
- Mladenov, I. and V. Tsanov, Geometric quantization of the multidimensional Kepler problem 2(1) (1985) 17
- Moncrief, V., The space of (generalized) Taub–NUT spacetimes 1(1) (1984) 107
- Monterde, J. and O.A. Sánchez-Valenzuela, Existence and uniqueness of solutions to superdifferential equations 10 (1993) 315
- Montesinos, A., Spinors? 2(2) (1985) 145

Moreno, C. and L. Valero, Star products and quantization of Poisson–Lie groups	9 (1992) 369
Muñoz Masqué, J., Canonical Cartan equation for higher order variational problems	1(2) (1984) 1
Muñoz Masqué, J., see P.L. Garcia Perez	7 (1990) 395
Muškarov, O., see F. Burstall	10 (1993) 245
Musso, E., The local embedding problem for optical structures	10 (1993) 1
Nachtergaele, B. and A. Verbeure, Groups of canonical transformations and the virial-Noether theorem	3 (1986) 315
Negreiros, C., see J. Caio	7 (1990) 339
Newman, E.T., see C.N. Kozameh	8 (1992) 195
Nielsen, B., Minimal immersions, Einstein's equations and Mach's principle	4 (1987) 1
Nirenberg, L., see H. Berestycki	5 (1988) 237
Novikov, S.P., see I.M. Krichever	5 (1988) 631
Nurowski, P., see J. Lewandowski	7 (1990) 63
Oh, Y.-G., A stability criterion for Hamiltonian systems with symmetry	4 (1987) 163
Ongay-Larios, F. and O.A. Sánchez-Valenzuela, Hamilton's equations and supersymplectic flows on (2,2)-dimensional superspace	9 (1992) 281
Ono, K. and S.S. Roan, Vafa's formula and equivariant K -theory	10 (1993) 287
Ottarsson, S.K., Closed geodesics on Riemannian manifolds via the heat flow	2(1) (1985) 49
Otto, M., A reduction scheme for phase spaces with almost Kähler symmetry. Regularity results for momentum level sets	4 (1987) 101
Palchik, M.Ya., see E.S. Fradkin	5 (1988) 601
Papadopoulos, N.A., see A. Heil	6 (1989) 237
Papadopoulos, N.A., see A. Heil	7 (1990) 489
Parker, M., see M. Cahen	7 (1990) 571
Parker, P.E., see J.K. Beem	4 (1987) 71
Passerini, A., see C. Ferrario	9 (1992) 121
Patrick, G.W., Relative equilibria in Hamiltonian systems: The dynamic interpretation of nonlinear stability on a reduced phase space	9 (1992) 111
Pekonen, O., On the DeWitt metric	4 (1987) 493

- Pekonen, O., On the variational characterization on conformally flat 3-manifolds 7 (1990) 109
- Perrin, M., see G. Burdet 4 (1987) 81
- Pesin, Ya.B. and Ya.G. Sinai, Space-time chaos in the system of weakly interacting hyperbolic systems 5 (1988) 483
- Pestov, V.G., On enlargability of infinite-dimensional Lie superalgebras 10 (1993) 295
- Pfister, H., see U. Heilig 7 (1990) 419
- Piard, A., Sur des représentations indécomposables de dimension finie de $SL(2).R^2$ 3 (1986) 1
- Plebański, J.F., see J.D. Finley III 8 (1992) 173
- Polyakov, A.M., One physical problem with possible mathematical significance 5 (1988) 595
- Pommaret, J.-F., see S. Lazzarini 10 (1993) 47
- Pripoae, G., Propriétés de rigidité concernant la courbure des métriques indéfinies 7 (1990) 13
- Rahmani, S., Métriques de Lorentz sur les groupes de Lie unimodulaires, de dimension trois 9 (1992) 295
- Randriamihamison, L.-S., Identités de Fierz et formes bilinéaires dans les espaces spinoriels 10 (1993) 19
- Ratiu, T., see A. Mazer 6 (1989) 271
- Rawnsley, J., M. Cahen and S. Gutt, Quantization of Kähler manifolds I: geometric interpretation of Berezin's quantization 7 (1990) 45
- Rawnsley, J., see F. Burstall 10 (1993) 245
- Reifenhäuser, B., see A. Heil 6 (1989) 237
- Reifenhäuser, B., see A. Heil 7 (1990) 489
- Reina, C., see R. Catenacci 1(1) (1984) 53
- Reina, C., see P. Cotta-Ramusino 1(3) (1984) 121
- Reina, C., see G. Landi 9 (1992) 235
- Rendall, A.D., Insufficiency of the Ricci and Bianchi identities for characterising curvature 6 (1989) 159
- Reshetikhin, N.Yu. and M.A. Semenov-Tian-Shansky, Quantum R -matrices and factorization problems 5 (1988) 533
- Resnikoff, H.L. and R.O. Wells Jr., Wavelet analysis and the geometry of Euclidean domains 8 (1992) 273
- Rinaldi, M., see L. Dabrowski 6 (1989) 651
- Roan, S.S., see K. Ono 10 (1993) 287
- Rogers, A., A superspace path integral proof of the Gauss-Bonnet-Chern theorem 4 (1987) 417
- Roman-Roy, N., see J.F. Cariñena 4 (1987) 315

- Rosca, R., see F. Dillen 9 (1992) 149
- Rovelli, C., see A. Ashtekar 8 (1992) 7
- Rubtsov, V., see D. Gurevich 9 (1992) 25
- Rudolph, G., see J. Kijowski 2(1) (1985) 25
- Rudolph, G., Classification of G -invariant configurations of
Einstein–Cartan theory on a multidimensional universe 4 (1987) 39
- Rudolph, G., see J. Dittmann 10 (1993) 93
- Sadowski, P., see W. Kondracki 3 (1986) 421
- Sánchez-Rodríguez, J., see E. Aguirre-Dabán 3 (1986) 55
- Sánchez-Valenzuela, O.A., see F. Ongay-Larios 9 (1992) 281
- Sánchez-Valenzuela, O.A., see J. Monterde 10 (1993) 315
- Santander, M., see M.A. del Olmo 7 (1990) 171
- Sarlet, W., see M. Crampin 4 (1987) 469
- Schechtman, V.V., see A.A. Beilinson 5 (1988) 317
- Scheck, F., see A. Heil 6 (1989) 237
- Scheck, F., see A. Heil 7 (1990) 489
- Schmitt, Th., Supergeometry and hermitian conjugation 7 (1990) 141
- Schwartz, L., Les différentielles de semi-martingales vraies,
sections de fibrés vectoriels 5 (1988) 137
- Seeley, R. and I.M. Singer, Extending $\bar{\partial}$ to singular Riemann
surfaces 5 (1988) 121
- Segal, G., see M. Atiyah 6 (1989) 671
- Seiler, R., see J.E. Avron 1(3) (1984) 13
- Semenov-Tian-Shansky, M.A., see N.Yu. Reshetikhin 5 (1988) 533
- Shatashvili, S., see A. Alekseev 5 (1988) 391
- Siklos, S.T.C., see M.A.H. MacCallum 8 (1992) 221
- Sinai, Ya.G., see Ya.B. Pesin 5 (1988) 483
- Singer, I.M., see R. Seeley 5 (1988) 121
- Smolin, L., see A. Ashtekar 8 (1992) 7
- Śniatycki, J., Geometric quantization and constraints in field
theory 2(2) (1985) 1
- Śniatycki, J., see Y. Kerbrat 6 (1989) 311
- Soibelman, Ya.S., see S.Z. Levendorskii 7 (1990) 241
- Sparling, G.A.J., see L.J. Mason 8 (1992) 243
- Sternberg, S., see V. Guillemin 5 (1988) 721
- Sternheimer, D., see M. Cahen 2(1) (1985) 35
- Stora, R., see D. Kastler 2(3) (1985) 1
- Stora, R., see D. Kastler 3 (1986) 437
- Stora, R., see D. Kastler 3 (1986) 483
- Štoviček, P., The instanton moduli spaces as algebraic sets 9 (1992) 183

- Szymczak, I. and S. Zakrzewski, Quantum deformations of the Heisenberg group obtained by geometric quantization 7 (1990) 553
- Takhtajan, L.A. and P.G. Zograf, The Selberg zeta function and a new Kähler metric on the moduli space of punctured Riemann surfaces 5 (1988) 551
- Taub, A.H., Positivity of energy in five dimensional classical unified field theories, II 2(3) (1985) 61
- 't Hooft, G., Ambiguity of the equivalence principle and Hawking's temperature 1(1) (1984) 45
- Trautman, A., Deformations of the Hodge map and optical geometry 1(2) (1984) 85
- Trautman, A., see P. Budinich 4 (1987) 361
- Trautman, A., see M. Cahen 10 (1993) 127
- Tricerri, F., see M. Cahen 7 (1990) 571
- Tsanov, V., see I. Mladenov 2(1) (1985) 17
- Tsujishita, T., Compatibility of systems of super differential equations 6 (1989) 169
- Tucker, R.W., see V. Aldaya 3 (1986) 303
- Tueno, J.P., see J.P. Dufour 9 (1992) 173
- Tulczyjew, W.M. and S. Zakrzewski, The category of Fresnel kernels 1(3) (1984) 79
- Tulczyjew, W.M., An intrinsic formulation of nonrelativistic analytical mechanics and wave mechanics 2(3) (1985) 93
- Turkowski, P., Classification of multidimensional spacetimes 4 (1987) 119
- Tuynman, G.M., see C. Duval 3 (1986) 401
- Tuynman, G.M. and W.A.J.J. Wiegierinck, Central extensions and physics 4 (1987) 207
- Udriște, C., Properties of irrotational vector fields 2(2) (1985) 117
- Uhlenbeck, K., On the connection between harmonic maps and the self-dual Yang-Mills and the sine-Gordon equations 8 (1992) 283
- Uhlman, A., The Cartan algebra of exterior differential forms as a supermanifold: morphisms and manifolds associated with them 1(3) (1984) 25
- Vaisman, I., The Maslov class of some Legendre submanifolds 3 (1986) 289
- Vaisman, I., Symplectic twistor spaces 3 (1986) 507
- Vaisman, I., The Maslov class in a Riemannian phase space 7 (1990) 383
- Valero, L., see C. Moreno 9 (1992) 369
- Valli, G., Some remarks on geodesics in gauge groups and harmonic maps 4 (1987) 335

- Vanhecke, L., see M. Cahen 7 (1990) 571
 Verbeure, A., see B. Nachtergaele 3 (1986) 315
 Vershik, A., see V. Gershkovich 5 (1988) 407
 Verstraelen, L., see F. Dillen 9 (1992) 149
 Veselov, A.P., Confocal surfaces and integrable billiards on the
 sphere and in the Lobachevsky space 7 (1990) 81
 Vinogradov, A.M., see V.N. Gusyatkina 2(2) (1985) 23
 Vinogradov, A.M., see A.M. Astashov 3 (1986) 263
 Vinogradov, A.M., see A. Cabras 9 (1992) 75
 Vogel, H., see A. Heil 6 (1989) 237
 Vrancken, L., see F. Dillen 9 (1992) 149

 Ward, R.S., Infinite-dimensional gauge groups and special
 nonlinear gravitons 8 (1992) 317
 Wells Jr., R.O., see H.L. Resnikoff 8 (1992) 273
 Wiegner, W.A.J.J., see G.M. Tuynman 4 (1987) 207
 Witten, E., Searching for integrability 8 (1992) 327
 Witten, E., Two dimensional gauge theories revisited 9 (1992) 303
 Wollenberg, M., On the relations between quantum fields and
 local algebras of observables over curved space-time 6 (1989) 407
 Wu, S., Cohomological obstructions to the equivariant exten-
 sion of closed invariant forms 10 (1993) 381
 Wurzbacher, T., On a conjecture of Guillemin and Sternberg
 in geometric quantization of multiplicity-free symplectic
 spaces 7 (1990) 537

 Yumaguzhin, V.A., see V.N. Gusyatkina 2(2) (1985) 23
 Yuriev, D.V., see A.A. Kirillov 5 (1988) 351

 Zahir, H., Adapted Fourier transform of Schwartz spaces for
 certain nilpotent Lie groups 6 (1989) 493
 Zakrzewski, S., see W.M. Tulczyjew 1(3) (1984) 79
 Zakrzewski, S., A differential structure for quantum mechanics 2(3) (1985) 135
 Zakrzewski, S., Induced representations and induced Hamil-
 tonian actions 3 (1986) 211
 Zakrzewski, S., see I. Szymczak 7 (1990) 553
 Zakrzewski, W.J., Classical solutions of two-dimensional
 Grassmannian models 1(2) (1984) 39
 Zelevinsky, A.V., see A.D. Berenstein 5 (1988) 453
 Zobin, N., see D. Gurevich 9 (1992) 25
 Zograf, P.G., see L.A. Takhtajan 5 (1988) 551
 Zou, M., Monodromy in two degrees of freedom integrable
 systems 10 (1993) 37