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**Record 1 of 50****Title:** The Euler equations of compressible fluid flow**Author(s):** Christodoulou, D (Christodoulou, Demetrios)**Source:** BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY **Volume:** 44 **Issue:** 4 **Pages:** 581-602 **DOI:**10.1090/S0273-0979-07-01181-0 **Published:** 2007**ISSN:** 0273-0979

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**Record 2 of 50****Title:** On the motion of the free surface of a liquid**Author(s):** Christodoulou, D (Christodoulou, D); Lindblad, H (Lindblad, H)**Source:** COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS **Volume:** 53 **Issue:** 12 **Pages:** 1536-1602 **DOI:**10.1002/1097-0312(200012)53:12<1536::AID-CPA2>3.3.CO;2-H **Published:** DEC 2000**ISSN:** 0010-3640

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**Record 3 of 50****Title:** On the global initial value problem and the issue of singularities**Author(s):** Christodoulou, D (Christodoulou, D)**Source:** CLASSICAL AND QUANTUM GRAVITY **Volume:** 16 **Issue:** 12A **Special Issue:** SI **Pages:** A23-A35 **DOI:**10.1088/0264-9381/16/12A/302 **Published:** DEC 1999

**Abstract:** In the first part of the paper we discuss what is known at present about the global initial value problem for the vacuum Einstein equations with general asymptotically flat initial data. We then give precise formulations of cosmic censorship conjectures. We also point out analogies with fluid dynamics and discuss possibilities suggested by these analogies. In the second part I discuss my work on the spherically symmetric Einstein equations with a real massless scalar field as the material model. I give an outline of the approach which has led to the proof of the conjectures in this context.

**ISSN:** 0264-9381

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**Record 4 of 50****Title:** The instability of naked singularities in the gravitational collapse of a scalar field**Author(s):** Christodoulou, D (Christodoulou, D)**Source:** ANNALS OF MATHEMATICS **Volume:** 149 **Issue:** 1 **Pages:** 183-217 **DOI:** 10.2307/121023 **Published:** JAN 1999**ISSN:** 0003-486X

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**Record 5 of 50****Title:** The stability of Minkowski space-time**Author(s):** Christodoulou, D (Christodoulou, D)**Source:** JOURNAL OF DIFFERENTIAL GEOMETRY **Pages:** 365-385 **Supplement:** 6 **Published:** 1999**ISSN:** 0022-040X

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**Record 6 of 50****Title:** On the geometry and dynamics of crystalline continua**Author(s):** Christodoulou, D (Christodoulou, D)**Source:** ANNALES DE L'INSTITUT HENRI POINCARÉ-PHYSIQUE THÉORIQUE **Volume:** 69 **Issue:** 3 **Pages:** 335-358 **Published:** SEP 1998

**Abstract:** We introduce in continuum mechanics the concept of a material manifold. To describe, in the continuum limit, a crystalline solid containing an arbitrary distribution of dislocations, we endow the material manifold with a structure  $k$  in to that of a Lie group. Starting with a state function defined on the space of local thermodynamic equilibrium states, we formulate the dynamics of crystalline continua in accordance with the least action principle, within the framework of general relativity, in terms of a mapping of the space time manifold into the material manifold. We include in our formulation electromagnetic effects. (C) Elsevier, Paris.

ISSN: 0246-0211

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**Record 7 of 50**

**Title:** Self-gravitating relativistic fluids: The formation of a free phase boundary in the phase transition from soft to hard

**Author(s):** Christodoulou, D (Christodoulou, D)

**Source:** ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS **Volume:** 134 **Issue:** 2 **Pages:** 97-154 **DOI:** 10.1007/BF00379551 **Published:** 1996

**ISSN:** 0003-9527

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**Record 8 of 50**

**Title:** Self-gravitating relativistic fluids: The continuation and termination of a free phase boundary

**Author(s):** Christodoulou, D (Christodoulou, D)

**Source:** ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS **Volume:** 133 **Issue:** 4 **Pages:** 333-398 **DOI:** 10.1007/BF00375147 **Published:** 1996

**ISSN:** 0003-9527

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**Record 9 of 50**

**Title:** SELF-GRAVITATING RELATIVISTIC FLUIDS - A 2-PHASE MODEL

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS **Volume:** 130 **Issue:** 4 **Pages:** 343-400 **DOI:** 10.1007/BF00375144 **Published:** 1995

**ISSN:** 0003-9527

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**Record 10 of 50**

**Title:** EXAMPLES OF NAKED SINGULARITY FORMATION IN THE GRAVITATIONAL COLLAPSE OF A SCALAR FIELD

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** ANNALS OF MATHEMATICS **Volume:** 140 **Issue:** 3 **Pages:** 607-653 **DOI:** 10.2307/2118619 **Published:** NOV 1994

**ISSN:** 0003-486X

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**Record 11 of 50**

**Title:** BOUNDED VARIATION SOLUTIONS OF THE SPHERICALLY SYMMETRICAL EINSTEIN-SCALAR FIELD-EQUATIONS

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS **Volume:** 46 **Issue:** 8 **Pages:** 1131-1220 **DOI:** 10.1002/cpa.3160460803 **Published:** SEP 1993

**ISSN:** 0010-3640

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**Record 12 of 50**

**Title:** ON THE REGULARITY OF SPHERICALLY SYMMETRICAL WAVE MAPS

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); TAHVILDARZADEH, AS (TAHVILDARZADEH, AS)

**Source:** COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS **Volume:** 46 **Issue:** 7 **Pages:** 1041-1091 **DOI:** 10.1002/cpa.3160460705 **Published:** AUG 1993

**Abstract:** Wave maps are critical points  $U: M \rightarrow N$  of the Lagrangian  $L[U] = \int_M |dU|^2$ , where  $M$  is an Einsteinian manifold and  $N$  a Riemannian one. For the case  $M = \mathbb{R}^2$ , and  $U$  a spherically symmetric map, it is shown that the solution to the Cauchy problem for  $U$  with smooth initial data of arbitrary size is smooth for all time, provided the target manifold  $N$  satisfies the two conditions that: (1) it is either compact or there exists an orthonormal frame of smooth vectorfields on  $N$  whose structure functions are bounded; and (2) there are two constants  $c$  and  $C$  such that the smallest eigenvalue  $\lambda$  and the largest eigenvalue  $\Lambda$  of the second fundamental form  $k(AB)$  of any geodesic sphere  $\Sigma(p, s)$  of radius  $s$  centered at  $p$  in  $N$  satisfy  $\lambda \geq c$  and  $s\Lambda \leq C(1+s)$ .

This is proved by first analyzing the energy-momentum tensor and using the second condition to show that near the first possible singularity, the energy of the solution cannot concentrate, and hence is small. One then proves that for targets satisfying the first condition, initial data of small energy imply global regularity of the solution. (C) 1993 John Wiley & Sons, Inc.

**ISSN:** 0010-3640

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**Record 13 of 50****Title:** ON THE ASYMPTOTIC-BEHAVIOR OF SPHERICALLY SYMMETRICAL WAVE MAPS**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); TAHVILDARZADEH, AS (TAHVILDARZADEH, AS)**Source:** DUKE MATHEMATICAL JOURNAL **Volume:** 71 **Issue:** 1 **Pages:** 31-69 **DOI:**10.1215/S0012-7094-93-07103-7 **Published:** JUL 1993**ISSN:** 0012-7094**Record 14 of 50****Title:** NONLINEAR NATURE OF GRAVITATION AND GRAVITATIONAL-WAVE EXPERIMENTS**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)**Source:** PHYSICAL REVIEW LETTERS **Volume:** 67 **Issue:** 12 **Pages:** 1486-1489 **DOI:**10.1103/PhysRevLett.67.1486 **Published:** SEP 16 1991**Abstract:** It is shown that gravitational waves from astronomical sources have a nonlinear effect on laser interferometer detectors on Earth, an effect which has hitherto been neglected, but which is of the same order of magnitude as the linear effects. The signature of the nonlinear effect is a permanent displacement of test masses after the passage of a wave train.**ISSN:** 0031-9007**Record 15 of 50****Title:** THE FORMATION OF BLACK-HOLES AND SINGULARITIES IN SPHERICALLY SYMMETRICAL GRAVITATIONAL COLLAPSE**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)**Source:** COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS **Volume:** 44 **Issue:** 3 **Pages:** 339-373 **DOI:**10.1002/cpa.3160440305 **Published:** APR 1991**ISSN:** 0010-3640**Record 16 of 50****Title:** ASYMPTOTIC PROPERTIES OF LINEAR FIELD-EQUATIONS IN MINKOWSKI SPACE**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); KLAINERMAN, S (KLAINERMAN, S)**Source:** COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS **Volume:** 43 **Issue:** 2 **Pages:** 137-199 **DOI:**10.1002/cpa.3160430202 **Published:** MAR 1990**ISSN:** 0010-3640**Record 17 of 50****Title:** THE NONLINEAR STABILITY OF THE MINKOWSKI METRIC IN GENERAL-RELATIVITY**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); KLAINERMAN, S (KLAINERMAN, S)**Source:** LECTURE NOTES IN MATHEMATICS **Volume:** 1402 **Pages:** 128-145 **Published:** 1989**ISSN:** 0075-8434**Record 18 of 50****Title:** THE STRUCTURE AND UNIQUENESS OF GENERALIZED SOLUTIONS OF THE SPHERICALLY SYMMETRICAL EINSTEIN-SCALAR EQUATIONS**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)**Source:** COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume:** 109 **Issue:** 4 **Pages:** 591-611 **DOI:**10.1007/BF01208959 **Published:** 1987**ISSN:** 0010-3616**Record 19 of 50****Title:** A MATHEMATICAL-THEORY OF GRAVITATIONAL COLLAPSE**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)**Source:** COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume:** 109 **Issue:** 4 **Pages:** 613-647 **DOI:**10.1007/BF01208960 **Published:** 1987**ISSN:** 0010-3616

**Record 20 of 50****Title:** GLOBAL-SOLUTIONS OF NONLINEAR HYPERBOLIC-EQUATIONS FOR SMALL INITIAL DATA**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)**Source:** COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS **Volume:** 39 **Issue:** 2 **Pages:** 267-282 **DOI:** 10.1002/cpa.3160390205 **Published:** MAR 1986**ISSN:** 0010-3640**Record 21 of 50****Title:** GLOBAL EXISTENCE OF GENERALIZED SOLUTIONS OF THE SPHERICALLY SYMMETRICAL EINSTEIN-SCALAR EQUATIONS IN THE LARGE**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)**Source:** COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume:** 106 **Issue:** 4 **Pages:** 587-621 **DOI:** 10.1007/BF01463398 **Published:** 1986**ISSN:** 0010-3616**Record 22 of 50****Title:** THE PROBLEM OF A SELF-GRAVITATING SCALAR FIELD**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)**Source:** COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume:** 105 **Issue:** 3 **Pages:** 337-361 **DOI:** 10.1007/BF01205930 **Published:** 1986**ISSN:** 0010-3616**Record 23 of 50****Title:** VIOLATION OF COSMIC CENSORSHIP IN THE GRAVITATIONAL COLLAPSE OF A DUST CLOUD**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)**Source:** COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume:** 93 **Issue:** 2 **Pages:** 171-195 **DOI:** 10.1007/BF01223743 **Published:** 1984**ISSN:** 0010-3616**Record 24 of 50****Title:** DISSOCIATION OF 2,4-DINITROBENZOIC ACID AND D-10-CAMPHOSULFONIC ACID IN WATER-METHANOL MIXTURES AT 25-DEGREES-C**Author(s):** RITZOULIS, G (RITZOULIS, G); PAPADOPOULOS, N (PAPADOPOULOS, N); GALIATSATOS, V (GALIATSATOS, V); CHRISTODOULOU, D (CHRISTODOULOU, D); JANNAKOUDAKIS, D (JANNAKOUDAKIS, D)**Source:** ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES **Volume:** 38 **Issue:** 5 **Pages:** 579-582 **Published:** 1983**ISSN:** 0932-0784**Record 25 of 50****Title:** THE YANG-MILLS  $SU(2)$  EQUATIONS OF MOTION AND CONSERVED QUANTITIES ON SPACE-LIKE INFINITY**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); ROSENBLUM, A (ROSENBLUM, A)**Source:** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL **Volume:** 15 **Issue:** 12 **Pages:** 3685-3692 **DOI:** 10.1088/0305-4470/15/12/020 **Published:** 1982**ISSN:** 0305-4470**Record 26 of 50****Title:** THE BOOST PROBLEM IN GENERAL-RELATIVITY**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); OMURCHADHA, N (OMURCHADHA, N)**Source:** COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume:** 80 **Issue:** 2 **Pages:** 271-300 **DOI:** 10.1007/BF01213014 **Published:** 1981**ISSN:** 0010-3616**Record 27 of 50**

**Title:** THE BOOST PROBLEM FOR WEAKLY COUPLED QUASILINEAR HYPERBOLIC SYSTEMS OF THE 2ND ORDER

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** JOURNAL DE MATHEMATIQUES PURES ET APPLIQUEES **Volume:** 60 **Issue:** 1 **Pages:** 99-130 **Published:** 1981

**ISSN:** 0021-7824

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**Record 28 of 50**

**Title:** GLOBAL-SOLUTIONS OF THE YANG-MILLS FIELD-EQUATIONS

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** COMPTES RENDUS DE L ACADEMIE DES SCIENCES SERIE I-MATHEMATIQUE **Volume:** 293 **Issue:** 2 **Pages:** 139-141 **Published:** 1981

**ISSN:** 0764-4442

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**Record 29 of 50**

**Title:** EXISTENCE OF GLOBAL-SOLUTIONS OF THE CLASSICAL EQUATIONS OF GAUGE-THEORIES

**Author(s):** CHOQUETBRUHAT, Y (CHOQUETBRUHAT, Y); CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** COMPTES RENDUS DE L ACADEMIE DES SCIENCES SERIE I-MATHEMATIQUE **Volume:** 293 **Issue:** 3 **Pages:** 195-199 **Published:** 1981

**ISSN:** 0764-4442

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**Record 30 of 50**

**Title:** CHARACTERISTIC INITIAL VALUE-PROBLEM FOR QUASILINEAR SYSTEMS OF THE 2ND ORDER

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); HAGEN, HMZ (HAGEN, HMZ)

**Source:** COMPTES RENDUS DE L ACADEMIE DES SCIENCES SERIE I-MATHEMATIQUE **Volume:** 293 **Issue:** 1 **Pages:** 39-42 **Published:** 1981

**ISSN:** 0764-4442

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**Record 31 of 50**

**Title:** ELLIPTIC-SYSTEMS IN HS,DELTA-SPACES ON MANIFOLDS WHICH ARE EUCLIDEAN AT INFINITY

**Author(s):** CHOQUETBRUHAT, Y (CHOQUETBRUHAT, Y); CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** ACTA MATHEMATICA **Volume:** 146 **Issue:** 1-2 **Pages:** 129-150 **DOI:** 10.1007/BF02392460 **Published:** 1981

**ISSN:** 0001-5962

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**Record 32 of 50**

**Title:** EXISTENCE OF GLOBAL-SOLUTIONS OF THE YANG-MILLS, HIGGS AND SPINOR FIELD-EQUATIONS IN 3+1 DIMENSIONS

**Author(s):** CHOQUETBRUHAT, Y (CHOQUETBRUHAT, Y); CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** ANNALES SCIENTIFIQUES DE L ECOLE NORMALE SUPERIEURE **Volume:** 14 **Issue:** 4 **Pages:** 481-506 **Published:** 1981

**ISSN:** 0012-9593

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**Record 33 of 50**

**Title:** CONVERGENT AND ASYMPTOTIC ITERATION METHODS IN GENERAL-RELATIVITY

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); SCHMIDT, BG (SCHMIDT, BG)

**Source:** COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume:** 68 **Issue:** 3 **Pages:** 275-289 **DOI:** 10.1007/BF01221128 **Published:** 1979

**ISSN:** 0010-3616

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**Record 34 of 50**

**Title:** ON THE WAVE-EQUATION IN CURVED SPACETIME

**Author(s):** CHOQUETBRUHAT, Y (CHOQUETBRUHAT, Y); CHRISTODOULOU, D (CHRISTODOULOU, D); FRANCAVIGLIA, M (FRANCAVIGLIA, M)

**Source:** ANNALES DE L'INSTITUT HENRI POINCARÉ SECTION A PHYSIQUE THÉORIQUE **Volume:** 31 **Issue:** 4 **Pages:** 399-414 **Published:** 1979

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**Record 35 of 50**

**Title:** THEORY OF STRINGS AND MEMBRANES IN AN EXTERNAL-FIELD .1. GENERAL FORMULATION

**Author(s):** AURILIA, A (AURILIA, A); CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** JOURNAL OF MATHEMATICAL PHYSICS **Volume:** 20 **Issue:** 7 **Pages:** 1446-1452 **DOI:** 10.1063/1.524228 **Published:** 1979

**ISSN:** 0022-2488

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**Record 36 of 50**

**Title:** THEORY OF STRINGS AND MEMBRANES IN AN EXTERNAL-FIELD .2. STRING

**Author(s):** AURILIA, A (AURILIA, A); CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** JOURNAL OF MATHEMATICAL PHYSICS **Volume:** 20 **Issue:** 8 **Pages:** 1692-1699 **DOI:** 10.1063/1.524251 **Published:** 1979

**ISSN:** 0022-2488

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**Record 37 of 50**

**Title:** SOME DYNAMICAL PROPERTIES OF EINSTEIN SPACE-TIMES ADMITTING A GAUSSIAN FOLIATION

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); FRANCAVIGLIA, M (FRANCAVIGLIA, M)

**Source:** GENERAL RELATIVITY AND GRAVITATION **Volume:** 10 **Issue:** 6 **Pages:** 455-459 **Published:** 1979

**ISSN:** 0001-7701

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**Record 38 of 50**

**Title:** GENERAL-RELATIVITY AS A GENERALIZED HAMILTONIAN SYSTEM

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); FRANCAVIGLIA, M (FRANCAVIGLIA, M); TULCZYJEW, WM (TULCZYJEW, WM)

**Source:** GENERAL RELATIVITY AND GRAVITATION **Volume:** 10 **Issue:** 7 **Pages:** 567-579 **DOI:** 10.1007/BF00757208 **Published:** 1979

**ISSN:** 0001-7701

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**Record 39 of 50**

**Title:** DYNAMICS OF A RELATIVISTIC BUBBLE

**Author(s):** AURILIA, A (AURILIA, A); CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** PHYSICS LETTERS B **Volume:** 78 **Issue:** 5 **Pages:** 589-592 **DOI:** 10.1016/0370-2693(78)90646-9 **Published:** 1978

**ISSN:** 0370-2693

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**Record 40 of 50**

**Title:** CLASSICAL INTERPRETATION OF BAG MODEL FOR HADRONS

**Author(s):** AURILIA, A (AURILIA, A); CHRISTODOULOU, D (CHRISTODOULOU, D); LEGOVINI, F (LEGOVINI, F)

**Source:** PHYSICS LETTERS B **Volume:** 73 **Issue:** 4-5 **Pages:** 429-432 **DOI:** 10.1016/0370-2693(78)90757-8 **Published:** 1978

**ISSN:** 0370-2693

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**Record 41 of 50**

**Title:** CAUCHY DATA ON A MANIFOLD

**Author(s):** CHOQUETBRUHAT, Y (CHOQUETBRUHAT, Y); CHRISTODOULOU, D (CHRISTODOULOU, D); FRANCAVIGLIA, M (FRANCAVIGLIA, M)

**Source:** ANNALES DE L'INSTITUT HENRI POINCARÉ SECTION A PHYSIQUE THÉORIQUE **Volume:** 29 **Issue:** 3 **Pages:** 241-255 **Published:** 1978

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**Record 42 of 50**

**Title:** REMARKS CONCERNING SOLUTION OF EQUATIONS OF QUANTUM GEOMETRODYNAMICS BY SUCCESSIVE APPROXIMATIONS

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D); FRANCAVIGLIA, M (FRANCAVIGLIA, M)

**Source:** GENERAL RELATIVITY AND GRAVITATION **Volume:** 8 **Issue:** 2 **Pages:** 115-127 **DOI:** 10.1007/BF00770731 **Published:** 1977

**ISSN:** 0001-7701

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**Record 43 of 50**

**Title:** STRING DYNAMICS IN AN EXTERNAL-FIELD - FAMILY OF EXACT SOLUTIONS

**Author(s):** AURILLA, A (AURILLA, A); CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** PHYSICS LETTERS B **Volume:** 71 **Issue:** 1 **Pages:** 90-92 **DOI:** 10.1016/0370-2693(77)90747-X **Published:** 1977  
**ISSN:** 0370-2693

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**Record 44 of 50**

**Title:** QUANTIZATION OF SELF-GRAVITATING FIELDS OF INTEGRAL SPIN .1. SCALAR AND VECTOR FIELDS

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-GENERAL PHYSICS RELATIVITY ASTRONOMY AND MATHEMATICAL PHYSICS AND METHODS **Volume:** B 26 **Issue:** 2 **Pages:** 335-369 **DOI:** 10.1007/BF02738565 **Published:** 1975

**ISSN:** 0369-3554

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**Record 45 of 50**

**Title:** CHRONOS PRINCIPLE

**Author(s):** CHRISTODOULOU, D (CHRISTODOULOU, D)

**Source:** NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-GENERAL PHYSICS RELATIVITY ASTRONOMY AND MATHEMATICAL PHYSICS AND METHODS **Volume:** B 26 **Issue:** 1 **Pages:** 67-93 **DOI:** 10.1007/BF02755538 **Published:** 1975

**ISSN:** 0369-3554

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**Record 46 of 50**

**Title:** WHY BEST OF ALL POSSIBLE UNIVERSES HAS 3 SPACE DIMENSIONS

**Author(s):** CHRISTOD.D (CHRISTOD.D)

**Source:** BULLETIN OF THE AMERICAN PHYSICAL SOCIETY **Volume:** 17 **Issue:** 1 **Pages:** 139-& **Published:** 1972  
**ISSN:** 0003-0503

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**Record 47 of 50**

**Title:** REVERSIBLE TRANSFORMATIONS OF A CHARGED BLACK HOLE

**Author(s):** CHRISTOD.D (CHRISTOD.D); RUFFINI, R (RUFFINI, R)

**Source:** PHYSICAL REVIEW D **Volume:** 4 **Issue:** 12 **Pages:** 3552-& **DOI:** 10.1103/PhysRevD.4.3552 **Published:** 1971  
**ISSN:** 0556-2821

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**Record 48 of 50**

**Title:** CHARGED ROTATING BLACK HOLES

**Author(s):** CHRISTOD.D (CHRISTOD.D); RUFFINI, R (RUFFINI, R)

**Source:** BULLETIN OF THE AMERICAN PHYSICAL SOCIETY **Volume:** 16 **Issue:** 1 **Pages:** 34-& **Published:** 1971  
**ISSN:** 0003-0503

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**Record 49 of 50**

**Title:** MAXIMUM BINDING IN BLACK HOLES

**Author(s):** CHRISTOD.D (CHRISTOD.D); RUFFINI, R (RUFFINI, R)

**Source:** BULLETIN OF THE AMERICAN PHYSICAL SOCIETY **Volume:** 16 **Issue:** 4 **Pages:** 612-& **Published:** 1971  
**ISSN:** 0003-0503

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**Record 50 of 50**

**Title:** MAGNETIC AND ELECTRIC FIELD IN ROTATING BLACK HOLES

**Author(s):** RUFFINI, R (RUFFINI, R); CHRISTOD.D (CHRISTOD.D)

**Source:** BULLETIN OF THE AMERICAN PHYSICAL SOCIETY **Volume:** 16 **Issue:** 4 **Pages:** 612-& **Published:** 1971

**ISSN:** 0003-0503

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**Record 1 of 2****Title:** REVERSIBLE AND IRREVERSIBLE TRANSFORMATIONS IN BLACK-HOLE PHYSICS**Author(s):** CHRISTOD.D (CHRISTOD.D)**Source:** PHYSICAL REVIEW LETTERS **Volume:** 25 **Issue:** 22 **Pages:** 1596-& **DOI:**10.1103/PhysRevLett.25.1596 **Published:** 1970**ISSN:** 0031-9007

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**Record 2 of 2****Title:** A LIMIT ON CHANGE OF CHARGE AND MASS OF BLACK HOLE**Author(s):** CHRISTOD.D (CHRISTOD.D)**Source:** BULLETIN OF THE AMERICAN PHYSICAL SOCIETY **Volume:** 15 **Issue:** 4 **Pages:** 661-& **Published:** 1970**ISSN:** 0003-0503

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