

INFORMAZIONI PERSONALI

Piermarco CANNARSA


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POSIZIONE RICOPERTA

Professore Ordinario di Analisi Matematica
**ESPERIENZA
PROFESSIONALE**

01/11/1990 – oggi	Professore Ordinario di Analisi Matematica presso Università degli Studi di Roma "Tor Vergata", Roma
27/01/1988 – 31/10/1990	Professore Associato di Analisi Matematica presso Università degli Studi di Pisa, Pisa
01/11/1986 – 26/01/1988	Ricercatore Universitario di Analisi Matematica presso Università degli Studi di Roma "Tor Vergata", Roma
01/11/1982 – 31/10/1986	Assistente di Ruolo, Accademia Navale di Livorno, Livorno

ISTRUZIONE E FORMAZIONE

– 1979	Laurea quadriennale in Matematica presso l'Università degli Studi di Pisa (Relatore S. Campanato)
– 1979	Diploma di Licenza della Scuola Normale Superiore di Pisa, Classe di Scienze

Lingua madre Italiano

ALLEGATI

- – Curriculum Vitae dalla pagina degli aspiranti Commissari sorteggiabili per l'Abilitazione Scientifica Nazionale ai sensi del Decreto Direttoriale n. 181 del 2012, art.5 comma 6
- <http://abilitazione.miur.it/public/commissariEleggibili.php?settore=01/A3>



CURRICULUM VITAE

PIERMARCO CANNARSA

Posizione accademica

Settore Concorsuale	dal 19/09/2011 01/A3 - ANALISI MATEMATICA, PROBABILITÀ E STATISTICA MATEMATICA
Settore Scientifico Disciplinare	dal 05/12/2000 MAT/05 - ANALISI MATEMATICA
Qualifica	Professore Ordinario
Anzianità nel ruolo di professore di I fascia	01/11/1990
Sede universitaria	Università degli Studi di ROMA "Tor Vergata"
Dipartimento	Dipartimento di MATEMATICA

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri:

dal 10/10/1985	Ricercatore Universitario	Università degli Studi di ROMA "Tor Vergata"
dal 27/01/1988	Professore II Fascia	Università di PISA
dal 01/11/1990	Professore I Fascia	Università degli Studi di ROMA "Tor Vergata"

Pubblicazioni scientifiche

Pubblicazioni principali

1. 2012 - Articolo in rivista
CANNARSA P, MARINO F, WOLENSKI PR (2012). *Semiconcavity of the minimum time function for differential inclusions. DYNAMICS OF CONTINUOUS, DISCRETE AND IMPULSIVE SYSTEMS. SERIES B: APPLICATIONS & ALGORITHMS*, vol. 19, p. 187-206, ISSN: 1492-8760
2. 2012 - Monografia o trattato scientifico
CANNARSA P, CORON J-M (2012). *Control of partial differential equations. vol. 2048, BERLIN:Springer, ISBN: 978-3-642-27892-1*
3. 2011 - Articolo in rivista
ALABAU-BOUSSOUIRA F, CANNARSA P, GUGLIELMI R (2011). *Indirect stabilization of weakly coupled systems with hybrid boundary conditions. MATHEMATICAL CONTROL AND RELATED FIELDS*, vol. 1, p. 413-436, ISSN: 2156-8472
4. 2011 - Articolo in rivista
CANNARSA P, NGUYEN KT (2011). *Exterior sphere condition and time optimal control for differential*

- inclusions. SIAM JOURNAL ON CONTROL AND OPTIMIZATION*, vol. 49, p. 2558-2576, ISSN: 0363-0129, doi: 10.1137/110825078
5. 2011 - Articolo in rivista
Cannarsa P, Sforza D (2011). *Integro-differential equations of hyperbolic type with positive definite kernels. JOURNAL OF DIFFERENTIAL EQUATIONS*, vol. 250, p. 4289-4335, ISSN: 0022-0396, doi: 10.1016/j.jde.2011.03.005
 6. 2011 - Articolo in rivista
Cannarsa P, Wolenski P R (2011). *SEMICONCAVITY OF THE VALUE FUNCTION FOR A CLASS OF DIFFERENTIAL INCLUSIONS. DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS*, vol. 29, p. 453-466, ISSN: 1078-0947, doi: 10.3934/dcds.2011.29.453
 7. 2010 - Articolo in rivista
CANNARSA P, KHAPALOV A.Y (2010). *Multiplicative controllability for reaction-diffusion equations with target states admitting finitely many changes of sign. DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS. SERIES B.*, vol. 14, p. 1293-1311, ISSN: 1531-3492
 8. 2010 - Articolo in rivista
CANNARSA P, CARDALIAGUET P (2010). *Hölder estimates in space-time for viscosity solutions of Hamilton-Jacobi equations. COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS*, vol. 63, p. 590-629, ISSN: 0010-3640
 9. 2010 - Articolo in rivista
CANNARSA P, DA PRATO G, FRANKOWSKA H (2010). *Invariant measures associated to degenerate elliptic operators. INDIANA UNIVERSITY MATHEMATICS JOURNAL*, vol. 59, p. 53-78, ISSN: 0022-2518
 10. 2010 - Articolo in rivista
CANNARSA P, CZARNECKI M.-O (2010). *Minkowski content for reachable sets. MANUSCRIPTA MATHEMATICA*, vol. 131, p. 507-530, ISSN: 0025-2611
 11. 2010 - Articolo in rivista
CANNARSA P, TORT J, YAMAMOTO M (2010). *Determination of source terms in a degenerate parabolic equation. INVERSE PROBLEMS*, vol. 26, ISSN: 0266-5611
 12. 2010 - Articolo in rivista
Buckdahn R, Cannarsa P, Quincampoix M (2010). *Lipschitz continuity and semiconcavity properties of the value function of a stochastic control problem. NODEA-NONLINEAR DIFFERENTIAL EQUATIONS AND APPLICATIONS*, vol. 17, p. 715-728, ISSN: 1021-9722, doi: 10.1007/s00030-010-0078-x
 13. 2009 - Articolo in rivista
CANNARSA P, YU Y (2009). *Singular dynamics for semiconcave functions. JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY*, vol. 11, p. 999-1024, ISSN: 1435-9855
 14. 2009 - Articolo in rivista
CANNARSA P, FRANKOWSKA H, MARCHINI E.M (2009). *Existence and Lipschitz regularity of solutions to Bolza problems in optimal control. TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY*, vol. 361, p. 4491-4517, ISSN: 0002-9947
 15. 2009 - Articolo in rivista
CANNARSA P, FRANKOWSKA H, MARCHINI E. M (2009). *On Bolza optimal control problems with constraints. DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS. SERIES B.*, vol. 11, p. 629-653, ISSN: 1531-3492
 16. 2009 - Articolo in rivista
CANNARSA P, DE TERESA L (2009). *Controllability of 1-D coupled degenerate parabolic equations. ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS*, vol. 73, ISSN: 1072-6691
 17. 2009 - Articolo in rivista
CANNARSA P, CARDALIAGUET P, SINISTRARI C (2009). *On a differential model for growing sandpiles with non-regular sources. COMMUNICATIONS IN PARTIAL DIFFERENTIAL EQUATIONS*, vol. 343, p. 656-675, ISSN: 0360-5302, doi: 10.1080/03605300902909966
 18. 2008 - Articolo in rivista
CANNARSA P, MARTINEZ P, VANCOSTENOBLE J (2008). *Carleman estimates for a class of degenerate parabolic operators. SIAM JOURNAL ON CONTROL AND OPTIMIZATION*, vol. 47, p. 1-19, ISSN: 0363-0129
 19. 2008 - Articolo in rivista
CANNARSA P, RIFFORD L (2008). *Semiconcavity results for optimal control problems admitting no singular minimizing controls. ANNALES DE L INSTITUT HENRI POINCARÉ. ANALYSE NON LINÉAIRE*, vol. 25, p. 773-802, ISSN: 0294-1449, doi: 10.1016/j.anihpc.2007.07.005

20. 2008 - Articolo in rivista
CANNARSA P, CASTELPIETRA M (2008). Lipschitz continuity of the value function for exit time problems with state constraints. *JOURNAL OF DIFFERENTIAL EQUATIONS*, vol. 245, p. 616-636, ISSN: 0022-0396
21. 2008 - Articolo in rivista
CANNARSA P, FRAGNELLI G, ROCCHETTI D (2008). Controllability results for a class of one-dimensional degenerate parabolic problems in nondivergence form. *JOURNAL OF EVOLUTION EQUATIONS*, vol. 8, p. 583-616, ISSN: 1424-3199
22. 2008 - Articolo in rivista
ALABAU-BOUSSOUIRA F, CANNARSA P, SFORZA D (2008). Decay estimates for second order evolution equations with memory. *JOURNAL OF FUNCTIONAL ANALYSIS*, vol. 254, p. 1342-1372, ISSN: 0022-1236
23. 2008 - Monografia o trattato scientifico
CANNARSA P, D'APRILE T. C (2008). Introduzione alla teoria della misura e all'analisi funzionale. MILANO:Springer-Verlag Italia, ISBN: 978-88-470-0701-7
24. 2008 - Articolo in rivista
Cannarsa P, Rocchetti D, Vancostenoble J (2008). Generation of analytic semi-groups in L^2 for a class of second order degenerate elliptic operators. *CONTROL AND CYBERNETICS*, vol. 37, p. 831-878, ISSN: 0324-8569
25. 2007 - Articolo in rivista
CANNARSA P, CARDALIAGUET P, GIORGIERI E (2007). Hölder regularity of the normal distance with an application to a PDE model for growing sandpiles. *TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY*, vol. 359, p. 2741-2775, ISSN: 0002-9947
26. 2007 - Articolo in rivista
CANNARSA P, FRAGNELLI G, ROCCHETTI D (2007). Null controllability of degenerate parabolic operators with drift. *NETWORKS AND HETEROGENEOUS MEDIA*, vol. 2, p. 693-713, ISSN: 1556-1801
27. 2006 - Articolo in rivista
ALABAU-BOUSSOUIRA F, CANNARSA P, FRAGNELLI G (2006). Carleman estimates for degenerate parabolic operators with applications to null controllability. *JOURNAL OF EVOLUTION EQUATIONS*, vol. 6, p. 161-204, ISSN: 1424-3199
28. 2006 - Articolo in rivista
CANNARSA P, CARDALIAGUET P (2006). Perimeter estimates for reachable sets of control systems. *JOURNAL OF CONVEX ANALYSIS*, vol. 13, p. 253-267, ISSN: 0944-6532
29. 2006 - Articolo in rivista
CANNARSA P, FRANKOWSKA H (2006). Interior sphere property of attainable sets and time optimal control problems. *ESAIM-CONTROL OPTIMISATION AND CALCULUS OF VARIATIONS*, vol. 12, p. 350-370, ISSN: 1262-3377, doi: 10.1051/cocv:2006002
30. 2006 - Articolo in rivista
Cannarsa P, Fragnelli G, Vancostenoble J (2006). Regional controllability of semilinear degenerate parabolic equations in bounded domains. *JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS*, vol. 320, p. 804-818, ISSN: 0022-247X, doi: 10.1016/j.jmaa.2005.07.006
31. 2005 - Articolo in rivista
CANNARSA P, CARDALIAGUET P, CRASTA G, GIORGIERI E (2005). A boundary value problem for a PDE model in mass transfer theory: representation of solutions and applications. *CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS*, vol. 24, p. 431-457, ISSN: 0944-2669
32. 2005 - Articolo in rivista
CANNARSA P, MARTINEZ P, VANCOSTENOBLE J (2005). Null controllability of degenerate heat equations. *ADVANCES IN DIFFERENTIAL EQUATIONS*, vol. 10, p. 153-190, ISSN: 1079-9389
33. 2004 - Articolo in rivista
CANNARSA P, MARTINEZ P, VANCOSTENOBLE J (2004). Null controllability in unbounded domains by a finite measure control region for the semilinear heat equation. *ESAIM-CONTROL OPTIMISATION AND CALCULUS OF VARIATIONS*, vol. 10, p. 381-408, ISSN: 1262-3377, doi: 10.151/cocv:2004010
34. 2004 - Articolo in rivista
CANNARSA P, MARTINEZ P, VANCOSTENOBLE J (2004). Persistent regional null controllability for a class of degenerate parabolic equations. *COMMUNICATIONS ON PURE AND APPLIED ANALYSIS*, vol. 3, p. 607-635, ISSN: 1534-0392
35. 2004 - Articolo in rivista

- CANNARSA P, CARDALIAGUET P (2004). Representation of equilibrium solutions to the table problem for growing sandpiles. *JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY*, vol. 6, p. 435-464, ISSN: 1435-9855
36. 2004 - Monografia o trattato scientifico
CANNARSA P, SINISTRARI C (2004). *Semiconcave functions, Hamilton-Jacobi equations, and optimal control*. BOSTON, MA: Birkhäuser Boston Inc., ISBN: 0-8176-4084-3
 37. 2004 - Articolo in rivista
CANNARSA P, SFORZA D (2004). Semilinear integrodifferential equations of hyperbolic type: existence in the large. *MEDITERRANEAN JOURNAL OF MATHEMATICS*, p. 151-174, ISSN: 1660-5446
 38. 2004 - Articolo in rivista
Cannarsa P, Carja O (2004). On the Bellman equation for the minimum time problem in infinite dimensions. *SIAM JOURNAL ON CONTROL AND OPTIMIZATION*, vol. 43, p. 532-548, ISSN: 0363-0129, doi: 10.1137/S0363012902419011
 39. 2003 - Articolo in rivista
Cannarsa P, Sforza D (2003). Global solutions of abstract semilinear parabolic equations with memory terms. *NODEA-NONLINEAR DIFFERENTIAL EQUATIONS AND APPLICATIONS*, vol. 10, p. 399-430, ISSN: 1021-9722, doi: 10.1007/s00030-003-1004-2
 40. 2002 - Articolo in rivista
CANNARSA P, KOMORNIK V., LORETI P. (2002). One-sided and internal controllability of semilinear wave equations with infinitely iterated logarithms. *DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS*, vol. 8, p. 745-756, ISSN: 1078-0947
 41. 2002 - Articolo in rivista
ALBANO P., CANNARSA P (2002). Propagation of singularities for solutions of nonlinear first order partial differential equations. *ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS*, vol. 162, p. 1-23, ISSN: 0003-9527
 42. 2002 - Articolo in rivista
Alabau F, Cannarsa P, Komornik V (2002). Indirect internal stabilization of weakly coupled evolution equations. *JOURNAL OF EVOLUTION EQUATIONS*, vol. 2, p. 127-150, ISSN: 1424-3199, doi: 10.1007/s00028-002-8083-0
 43. 2001 - Articolo in rivista
CANNARSA P, PEIRONE R. (2001). Unbounded components of the singular set of the distance function in R^n . *TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY*, vol. 353, p. 4567-4581, ISSN: 0002-9947
 44. 2000 - Articolo in rivista
ALBANO P., CANNARSA P, SINISTRARI C. (2000). Regularity Results for the Minimum Time Function of a Class of Semilinear Evolution Equations of Parabolic Type. *SIAM JOURNAL ON CONTROL AND OPTIMIZATION*, vol. 38, p. 916-946, ISSN: 0363-0129
 45. 2000 - Articolo in rivista
CANNARSA P, PIGNOTTI C., SINISTRARI C. (2000). Semiconcavity for optimal control problems with exit time. *DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS*, vol. 6, p. 975-997, ISSN: 1078-0947
 46. 2000 - Articolo in rivista
CANNARSA P, PIGNOTTI C (2000). Semiconcavity of the value function for an exit time problem with degenerate cost. *LE MATEMATICHE*, vol. 55, p. 71-108, ISSN: 0373-3505
 47. 2000 - Articolo in rivista
CANNARSA P, FRANKOWSKA H, SINISTRARI C (2000). Optimality Conditions and Synthesis for the Minimum Time Problem. *SET-VALUED ANALYSIS*, vol. 8, p. 127-148, ISSN: 0927-6947
 48. 2000 - Articolo in rivista
Barron EN, Cannarsa P, Jensen R, Sinestrari C (2000). Regularity of Hamilton-Jacobi equations when forward is backward (vol 48, pg 385, 1999). *INDIANA UNIVERSITY MATHEMATICS JOURNAL*, vol. 49, p. 815-+, ISSN: 0022-2518
 49. 1999 - Articolo in rivista
BARRON E.N., CANNARSA P, JENSEN R., SINISTRARI C. (1999). Regularity of Hamilton-Jacobi equations when forward is backward. *INDIANA UNIVERSITY MATHEMATICS JOURNAL*, vol. 48, p. 385-409, ISSN: 0022-2518
 50. 1999 - Articolo in rivista
ALBANO P., CANNARSA P (1999). Structural properties of singularities of semiconcave functions. *ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA. CLASSE DI SCIENZE*, vol. 28, p. 719-740,

ISSN: 0391-173X

51. 1999 - Articolo in rivista
CANNARSA P, KOMORNIK V., LORETI P. (1999). Well posedness and control of semilinear wave equations with iterated logarithms. *ESAIM-CONTROL OPTIMISATION AND CALCULUS OF VARIATIONS*, vol. 4, p. 37-56, ISSN: 1262-3377
52. 1999 - Articolo in rivista
CANNARSA P, KOMORNIK V., LORETI P. (1999). Controllability of semilinear wave equations with infinitely iterated logarithms. *CONTROL AND CYBERNETICS*, vol. 28, p. 449-461, ISSN: 0324-8569
53. 1999 - Contributo in volume (Capitolo o Saggio)
ALBANO P, CANNARSA P (1999). Singularities of semiconcave functions in Banach spaces. In: *Stochastic analysis, control, optimization and applications: a volume in honor of W.H. Fleming*. p. 171-190, Boston: Birkhuser
54. 1997 - Articolo in rivista
CANNARSA P, MENNUCCI A., SINISTRARI C. (1997). Regularity results for solutions of a class of Hamilton-Jacobi equations. *ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS*, vol. 140, p. 197-223, ISSN: 0003-9527
55. 1997 - Articolo in rivista
CANNARSA P, GIANNINI M, TESSITORE E (1997). Optimal control of forward looking processes. *JOURNAL OF ECONOMIC DYNAMICS & CONTROL*, vol. 22, p. 49-66, ISSN: 0165-1889
56. 1996 - Articolo in rivista
CANNARSA P, DA PRATO G. (1996). Infinite dimensional elliptic equations with Hölder continuous coefficients. *ADVANCES IN DIFFERENTIAL EQUATIONS*, vol. 1, p. 425-452, ISSN: 1079-9389
57. 1996 - Articolo in rivista
Cannarsa P, Tessitore ME (1996). Infinite-dimensional Hamilton-Jacobi equations and Dirichlet boundary control problems of parabolic type. *SIAM JOURNAL ON CONTROL AND OPTIMIZATION*, vol. 34, p. 1831-1847, ISSN: 0363-0129, doi: 10.1137/S0363012994263354
58. 1996 - Articolo in rivista
Cannarsa P, Frankowska H (1996). Value function and optimality condition for semilinear control problems .2. Parabolic case. *APPLIED MATHEMATICS AND OPTIMIZATION*, vol. 33, p. 1-33, ISSN: 0095-4616, doi: 10.1007/BF01187960
59. 1996 - Articolo in rivista
Cannarsa P, Tessitore M E (1996). Dynamic programming equation for a class of nonlinear boundary control problems of parabolic type. *CONTROL AND CYBERNETICS*, vol. 25, p. 483-495, ISSN: 0324-8569
60. 1995 - Articolo in rivista
CANNARSA P, SINISTRARI C (1995). CONVEXITY PROPERTIES OF THE MINIMUM-TIME FUNCTION. *CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS*, vol. 3, p. 273-298, ISSN: 0944-2669, doi: 10.1007/BF01189393
61. 1995 - Articolo in rivista
CANNARSA P, SINISTRARI C (1995). On a class of nonlinear time optimal control problems. *DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS*, vol. 2, p. 285-300, ISSN: 1078-0947
62. 1995 - Articolo in rivista
Cannarsa P, Di Blasio G (1995). A direct approach to infinite-dimensional Hamilton-Jacobi equations and applications to convex control with state constraints. *DIFFERENTIAL AND INTEGRAL EQUATIONS*, vol. 8, p. 225-246, ISSN: 0893-4983
63. 1993 - Articolo in rivista
CANNARSA P, DAPRATO G (1993). ON A FUNCTIONAL-ANALYSIS APPROACH TO PARABOLIC EQUATIONS IN INFINITE DIMENSIONS. *JOURNAL OF FUNCTIONAL ANALYSIS*, vol. 118, p. 22-42, ISSN: 0022-1236, doi: 10.1006/jfan.1993.1137
64. 1993 - Articolo in rivista
CANNARSA P, GOZZI F, SONER HM (1993). A DYNAMIC-PROGRAMMING APPROACH TO NONLINEAR BOUNDARY CONTROL-PROBLEMS OF PARABOLIC TYPE. *JOURNAL OF FUNCTIONAL ANALYSIS*, vol. 117, p. 25-61, ISSN: 0022-1236, doi: 10.1006/jfan.1993.1122
65. 1993 - Articolo in rivista
Ambrosio L, Cannarsa P, Soner H M (1993). On the propagation of singularities of semi-convex functions. *ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA. CLASSE DI SCIENZE*, vol. 20, p. 597-616, ISSN: 0391-173X

66. 1992 - Articolo in rivista
CANNARSA P, FRANKOWSKA H (1992). VALUE FUNCTION AND OPTIMALITY CONDITIONS FOR SEMILINEAR CONTROL-PROBLEMS. *APPLIED MATHEMATICS AND OPTIMIZATION*, vol. 26, p. 139-169, ISSN: 0095-4616, doi: 10.1007/BF01189028
67. 1992 - Articolo in rivista
ALBERTI G, AMBROSIO L, CANNARSA P (1992). ON THE SINGULARITIES OF CONVEX-FUNCTIONS. *MANUSCRIPTA MATHEMATICA*, vol. 76, p. 421-435, ISSN: 0025-2611, doi: 10.1007/BF02567770
68. 1992 - Articolo in rivista
CANNARSA P, GOZZI F (1992). ON THE SMOOTHNESS OF THE VALUE FUNCTION ALONG OPTIMAL TRAJECTORIES. *LECTURE NOTES IN CONTROL AND INFORMATION SCIENCES*, vol. 178, p. 60-81, ISSN: 0170-8643
69. 1991 - Articolo in rivista
CANNARSA P, FRANKOWSKA H (1991). SOME CHARACTERIZATIONS OF OPTIMAL TRAJECTORIES IN CONTROL-THEORY. *SIAM JOURNAL ON CONTROL AND OPTIMIZATION*, vol. 29, p. 1322-1347, ISSN: 0363-0129, doi: 10.1137/0329068
70. 1991 - Articolo in rivista
CANNARSA P, GOZZI F, SONER HM (1991). A BOUNDARY-VALUE PROBLEM FOR HAMILTON-JACOBI EQUATIONS IN HILBERT-SPACES. *APPLIED MATHEMATICS AND OPTIMIZATION*, vol. 24, p. 197-220, ISSN: 0095-4616, doi: 10.1007/BF01447742
71. 1991 - Articolo in rivista
CANNARSA P, DAPRATO G (1991). 2ND-ORDER HAMILTON-JACOBI EQUATIONS IN INFINITE DIMENSIONS. *SIAM JOURNAL ON CONTROL AND OPTIMIZATION*, vol. 29, p. 474-492, ISSN: 0363-0129, doi: 10.1137/0329026
72. 1991 - Articolo in rivista
CANNARSA P, DAPRATO G (1991). A SEMIGROUP APPROACH TO KOLMOGOROV EQUATIONS IN HILBERT-SPACES. *APPLIED MATHEMATICS LETTERS*, vol. 4, p. 49-52, ISSN: 0893-9659, doi: 10.1016/0893-9659(91)90121-B
73. 1990 - Articolo in rivista
CANNARSA P, DAPRATO G, ZOLELIO JP (1990). THE DAMPED WAVE-EQUATION IN A MOVING DOMAIN. *JOURNAL OF DIFFERENTIAL EQUATIONS*, vol. 85, p. 1-16, ISSN: 0022-0396, doi: 10.1016/0022-0396(90)90086-5
74. 1990 - Articolo in rivista
CANNARSA P, DAPRATO G (1990). SOME RESULTS ON NONLINEAR OPTIMAL-CONTROL PROBLEMS AND HAMILTON-JACOBI EQUATIONS IN INFINITE DIMENSIONS. *JOURNAL OF FUNCTIONAL ANALYSIS*, vol. 90, p. 27-47, ISSN: 0022-1236, doi: 10.1016/0022-1236(90)90079-Z
75. 1989 - Articolo in rivista
Cannarsa P, Da Prato G (1989). Nonlinear optimal control with infinite horizon for distributed parameter systems and stationary Hamilton-Jacobi equations. *SIAM JOURNAL ON CONTROL AND OPTIMIZATION*, vol. 27, p. 861-875, ISSN: 0363-0129
76. 1989 - Articolo in rivista
Cannarsa P (1989). Regularity properties of solutions to Hamilton-Jacobi equations in infinite dimensions and nonlinear optimal control. *DIFFERENTIAL AND INTEGRAL EQUATIONS*, vol. 2, p. 479-493, ISSN: 0893-4983
77. 1989 - Articolo in rivista
Cannarsa P, Soner H M (1989). Generalized one-sided estimates for solutions of Hamilton-Jacobi equations and applications. *NONLINEAR ANALYSIS*, vol. 13, p. 305-323, ISSN: 0362-546X
78. 1989 - Articolo in rivista
Cannarsa P, Da Prato G, Zolsio J-P (1989). Dynamical shape control of the heat equation. *SYSTEMS & CONTROL LETTERS*, vol. 12, p. 103-109, ISSN: 0167-6911
79. 1988 - Articolo in rivista
Cannarsa P, Vespri V (1988). Vespri, Vincenzo Generation of analytic semigroups in the L_p topology by elliptic operators in R^n . *ISRAEL JOURNAL OF MATHEMATICS*, vol. 61, p. 235-255, ISSN: 0021-2172
80. 1987 - Articolo in rivista
Cannarsa P, Soner H M (1987). On the singularities of the viscosity solutions to Hamilton-Jacobi-Bellman equations. *INDIANA UNIVERSITY MATHEMATICS JOURNAL*, vol. 36, p. 501-524, ISSN: 0022-2518

81. 1987 - Articolo in rivista
Cannarsa P, Vespri V (1987). Generation of analytic semigroups by elliptic operators with unbounded coefficients. *SIAM JOURNAL ON MATHEMATICAL ANALYSIS*, vol. 18, p. 857-872, ISSN: 0036-1410
82. 1986 - Articolo in rivista
Cannarsa P, Vespri V (1986). On maximal L_p regularity for the abstract Cauchy problem. . *BOLLETTINO DELL'UNIONE MATEMATICA ITALIANA. B*, vol. 5, p. 165-175, ISSN: 0392-4041
83. 1985 - Articolo in rivista
Cannarsa P, Terreni B, Vespri V (1985). Analytic semigroups generated by nonvariational elliptic systems of second order under Dirichlet boundary conditions. *JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS*, vol. 5, p. 56-103, ISSN: 0022-247X
84. 1985 - Articolo in rivista
Cannarsa P, Vespri V (1985). Analytic semigroups generated on Hölder spaces by second order elliptic systems under Dirichlet boundary conditions. *ANNALI DI MATEMATICA PURA ED APPLICATA*, vol. 140, p. 393-415, ISSN: 0373-3114
85. 1985 - Articolo in rivista
Cannarsa P, Vespri V (1985). Existence and uniqueness of solutions to a class of stochastic partial differential equations. *STOCHASTIC ANALYSIS AND APPLICATIONS*, vol. 3, p. 315-339, ISSN: 0736-2994
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Titoli

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PRIN 1997: Equazioni differenziali e calcolo delle variazioni	24	Responsabile Unità
PRIN 2000: Analisi e controllo di equazioni di evoluzione deterministiche e stocastiche	24	Responsabile Unità

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Tipo	Titolo	Dal	Al
Riviste	Journal of Mathematical Systems, Estimation, and Control	01/1991	12/1998
Riviste	Rendiconti di Matematica	05/1999	04/2007
Riviste	Nonlinear Differential Equations and Applications (NoDEA)	01/2008	
Riviste	Mathematical Problems in Engineering	10/2009	
Riviste	SIAM Journal on Control and Optimization	01/1997	12/2002

Riviste	Mathematical Control and Related Fields	10/2010
Collane editoriali	Springer INdAM Series	04/2012

attribuzione di incarichi di insegnamento o di ricerca (*fellowship*) ufficiale presso atenei e istituti di ricerca, esteri e internazionali, di alta qualificazione

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Ricerca	Institut Henri Poincare, UPMC, Paris, France	10/2010	01/2011
Ricerca	Universite' Toulouse III, Toulouse, France	03/2007	04/2007
Ricerca	Universite' Montpellier 2, Montpellier, France	04/2006	05/2006
Ricerca	Ecole Polytechnique, Paris, France	02/2005	03/2005
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Ricerca	Universite' Toulouse III, Toulouse, France	02/2004	03/2004
Ricerca	Universite' Lyon 1, Lyon, France	06/2003	07/2003
Ricerca	Ecole Centrale de Lyon, Lyon, France	07/2003	08/2003
Ricerca	Universite' Paris IX - Dauphine, Paris, France	10/2003	11/2003
Ricerca	Universite' de Bretagne Occidentale, Brest, France	06/2002	07/2002
Ricerca	Universite' Paul Verlaine, Metz, France	02/2000	03/2000
Ricerca	ENS Cachan, Antenne de Bretagne, Rennes, France	02/1999	03/1999
Ricerca	Universite' Louis Pasteur, Strasbourg, France	06/1999	07/1999
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Ricerca	Universite' Paris IX - Dauphine, Paris, France	06/1998	07/1998
Ricerca	Universite' Paris IX - Dauphine, Paris, France	02/1991	03/1991
Insegnamento	University of Maryland, College Parke, Maryland, USA	01/1987	06/1987
Insegnamento	Lehigh University, Bethlehem, Pennsylvania, USA	01/1986	06/1986
Ricerca	Brown University, Providence, Rhode Island, USA	04/1985	11/1985

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Gruppo di Ricerca Europeo (GDRE) su Controllo di Equazioni a Derivate Parziali (CONEDP) istituito da INdAM-CNRS-Uni. Provence	01/2010	

altri titoli

- vice presidente dell'Istituto Nazionale di Alta Matematica "F. Severi" da 06/1999 a 05/2007;
- membro del Consiglio Scientifico dell'Istituto Nazionale di Alta Matematica "F. Severi" a partire da 09/2011;
- membro della Commissione Scientifica dell'Unione Matematica Italiana a partire da 06/2012.

