



CURRICULUM VITAE

MARCO FONTANA

Posizione accademica

Settore Concorsuale	dal 18/10/2011 01/A2 - GEOMETRIA E ALGEBRA
Settore Scientifico Disciplinare	dal 01/11/2000 MAT/02 - ALGEBRA
Qualifica	Professore Ordinario
Anzianità nel ruolo di professore di I fascia	01/06/1976
Sede universitaria	Università degli Studi ROMA TRE
Dipartimento	Dipartimento di MATEMATICA

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri:

dal 01/06/1976 Professore I Fascia Università degli Studi di ROMA "La Sapienza"
 dal 01/11/1992 Professore I Fascia Università degli Studi ROMA TRE

Pubblicazioni scientifiche

Pubblicazioni principali

- 2011 - Articolo in rivista
 FONTANA M, PICOZZA G (2011). On some classes of integral domains defined by Krull's a.b. operations. *JOURNAL OF ALGEBRA*, vol. 341, p. 179-197, ISSN: 0021-8693
- 2010 - Articolo in rivista
 FONTANA M, HOUSTON E. G, LUCAS T (2010). Toward a classification of prime ideals in Prüfer domains. *FORUM MATHEMATICUM*, vol. 22, p. 741-766, ISSN: 0933-7741
- 2009 - Articolo in rivista
 FONTANA M, LOPER K. ALAN (2009). Cancellation properties in ideal systems: a classification of e.a.b. semistar operations. *JOURNAL OF PURE AND APPLIED ALGEBRA*, vol. 213, p. 2095-2103, ISSN: 0022-4049
- 2008 - Articolo in rivista
 FONTANA M, LOPER K. ALAN (2008). The patch topology and the ultrafilter topology on the prime spectrum of a commutative ring. *COMMUNICATIONS IN ALGEBRA*, vol. 36, p. 2917-2922, ISSN: 0092-7872
- 2007 - Articolo in rivista
 FONTANA M, LOPER ALAN (2007). A generalization of Kronecker function rings and Nagata rings. *FORUM MATHEMATICUM*, vol. 19, p. 971-1004, ISSN: 0933-7741

6. 2007 - Articolo in rivista
FONTANA M, HOUSTON EVAN G, LUCAS TOM (2007). *Factoring Ideals in Prüfer Domains*. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 211, p. 1-13, ISSN: 0022-4049
7. 2006 - Contributo in volume (Capitolo o Saggio)
FONTANA M, LOPER K. ALAN (2006). *An historical overview of Kronecker function rings, Nagata rings and related star and semistar operations*. In: BREWER JIM, GLAZ SARAH, HEINZER WILLIAM, OLBERDING BRUCE. MULTIPLICATIVE IDEAL THEORY IN COMMUTATIVE ALGEBRA: A TRIBUTE TO THE WORK OF ROBERT GILMER. p. 169-187, NEW YORK:Springer, ISBN: 978-0-387-24600-0
8. 2005 - Articolo in rivista
FONTANA M, PARK MI HEE (2005). *On the star class group of a pullback*. JOURNAL OF ALGEBRA, vol. 292, p. 516-539, ISSN: 0021-8693
9. 2004 - Articolo in rivista
FONTANA M, PARK MI HEE (2004). *Star operations and pullbacks*. JOURNAL OF ALGEBRA, vol. 274, p. 387-421, ISSN: 0021-8693
10. 2003 - Articolo in rivista
FONTANA M, LOPER K. ALAN (2003). *Nagata rings, Kronecker function rings and related semistar operations*. COMMUNICATIONS IN ALGEBRA, vol. 31, p. 4775-4805, ISSN: 0092-7872
11. 2003 - Articolo in rivista
FONTANA M, JARA P., SANTOS E. (2003). *Pruefer *-multiplication domains and semistar operations*. JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol. 2, p. 21-50, ISSN: 0219-4988
12. 2002 - Articolo in rivista
FONTANA M, POPESCU N. (2002). *Nagata Transform and Localizing Systems*. COMMUNICATIONS IN ALGEBRA, vol. 30, p. 2297-2308, ISSN: 0092-7872
13. 2001 - Contributo in volume (Capitolo o Saggio)
FONTANA M, LOPER K.A. (2001). *Kronecker functions rings: a general approach*. In: ANDERSON D.D., PAPICK I.J.. *Ideal theoretic methods in Commutative Algebra*, Huckaba Conference, Columbia MO. vol. 220, p. 189-205, NEW YORK:M Dekker, ISBN: 978-0824705534
14. 2000 - Contributo in volume (Capitolo o Saggio)
FONTANA M, HUCKABA J. (2000). *Localizing systems and semistar operations*. In: GLAZ S., CHAPMAN S.. *Non-Noetherian Commutative Ring Theory*. p. 169-197, KLUWER ACADEMIC PUBLISHERS, ISBN: 978-0792364924
15. 1999 - Contributo in volume (Capitolo o Saggio)
FONTANA M (1999). *Kaplansky ideal transform: a survey*. In: *Advances in commutative ring theory (Fez, 1997)*. vol. 205, p. 271-306, NEW YORK:MARCEL DEKKER, ISBN: 0824771478
16. 1997 - Articolo in rivista
Fontana M, Gabelli S (1997). *Prüfer domains with class group generated by the classes of the invertible maximal ideals*. COMMUNICATIONS IN ALGEBRA, vol. 25, p. 3993-4008, ISSN: 0092-7872, doi: 10.1080/00927879708826103
17. 1997 - Monografia o trattato scientifico
FONTANA M, HUCKABA, J., PAPICK, I.J. (1997). *Prüfer domains*. vol. 203, p. 1-328, NEW YORK:M Dekker, ISBN: 978-0824798161
18. 1997 - Articolo in rivista
FONTANA M, GABELLI S. (1997). *On the class group and the local class group of a pullback*. JOURNAL OF ALGEBRA, vol. 181, p. 803-835, ISSN: 0021-8693
19. 1997 - Articolo in rivista
BARUCCI V, DOBBS D, FONTANA M (1997). *Maximality properties in numerical semigroups with applications to one- dimensional analytically irreducible local domains*. MEMOIRS OF THE AMERICAN MATHEMATICAL SOCIETY, vol. 598, p. 1-78, ISSN: 0065-9266
20. 1996 - Articolo in rivista
Fontana M, Gabelli S (1996). *On the class group and the local class group of a pullback*. JOURNAL OF ALGEBRA, vol. 181, p. 803-835, ISSN: 0021-8693, doi: 10.1006/jabr.1996.0147
21. 1995 - Articolo in rivista
FONTANA M, POPESCU N. (1995). *Sur une classe d'anneaux qui généralisent les anneaux de Dedekind*. JOURNAL OF ALGEBRA, vol. 173, p. 44-66, ISSN: 0021-8693
22. 1990 - Articolo in rivista
DOBBS DE, BARUCCI V, FONTANA M (1990). *GORENSTEIN CONDUCTIVE DOMAINS*. COMMUNICATIONS IN ALGEBRA, vol. 18, p. 3889-3903, ISSN: 0092-7872, doi:

10.1080/00927879008824114

23. 1988 - Articolo in rivista
Anderson David F., Bouvier Alain, Dobbs David E., Fontana M, Kabbaj Salah (1988). On Jaffard domains. EXPOSITIONES MATHEMATICAE, vol. 6, p. 145-175, ISSN: 0723-0869
24. 1988 - Articolo in rivista
DOBBS DE, FEDDER R, FONTANA M (1988). G-DOMAINS AND SPECTRAL SPACES. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 51, p. 89-110, ISSN: 0022-4049, doi: 10.1016/0022-4049(88)90080-1
25. 1987 - Articolo in rivista
DOBBS DE, FONTANA M (1987). SEMINORMAL RINGS GENERATED BY ALGEBRAIC-INTEGERS. MATHEMATIKA, vol. 34, p. 141-154, ISSN: 0025-5793
26. 1986 - Articolo in rivista
BARUCCI V, DOBBS DE, FONTANA M (1986). CONDUCIVE INTEGRAL DOMAINS AS PULLBACKS. MANUSCRIPTA MATHEMATICA, vol. 54, p. 261-277, ISSN: 0025-2611, doi: 10.1007/BF01171337
27. 1986 - Articolo in rivista
DOBBS DE, FONTANA M (1986). KRONECKER FUNCTION RINGS AND ABSTRACT RIEMANN SURFACES. JOURNAL OF ALGEBRA, vol. 99, p. 263-274, ISSN: 0021-8693, doi: 10.1016/0021-8693(86)90067-0
28. 1984 - Articolo in rivista
Fontana M, Huckaba James A., Papick Ira J. (1984). Divisorial prime ideals in Prüfer domains. CANADIAN MATHEMATICAL BULLETIN, vol. 27, p. 324-328, ISSN: 0008-4395
29. 1980 - Articolo in rivista
Fontana M (1980). Topologically defined classes of commutative rings. ANNALI DI MATEMATICA PURA ED APPLICATA, vol. 123, p. 331-355, ISSN: 0373-3114
30. 1975 - Articolo in rivista
Fontana M (1975). Sur le plongement projectif des surfaces définies sur un corps de base fini. COMPOSITIO MATHEMATICA, vol. 31, p. 1-22, ISSN: 0010-437X

Altre Pubblicazioni

1. 2011 - Articolo in rivista
FONTANA M, CHANG G. W (2011). An overring-theoretic approach to polynomial extensions of star and semistar operations. COMMUNICATIONS IN ALGEBRA, vol. 39, p. 1956-1978, ISSN: 0092-7872
2. 2011 - Monografia o trattato scientifico
FONTANA M, KABBAJ S, OLBERDING B, SWANSON I (2011). Commutative Algebra: Noetherian and non-Noetherian Perspectives. NEW YORK:Springer, ISBN: 978-1441969897
3. 2011 - Contributo in volume (Capitolo o Saggio)
FONTANA M, ZAFRULLAH M (2011). On v-domains: a survey. In: FONTANA M., KABBAJ S., OLBERDING B., SWANSON I.. COMMUTATIVE ALGEBRA: NOETHERIAN AND NON-NOETHERIAN PERSPECTIVES. NEW YORK:Springer, ISBN: 978-1-4419-6989-7
4. 2010 - Articolo in rivista
D'ANNA M, FINOCCHIARO C, FONTANA M (2010). Properties of chains of prime ideals in an amalgamated algebra along an ideal. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 214, p. 1633-1641, ISSN: 0022-4049
5. 2010 - Articolo in rivista
FONTANA M, LOPER K.A, MATSUDA R (2010). Cancellation properties in ideal systems: an e.a.b. not a.b. star operation. THE ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING. SECTION A, SCIENCES, vol. 35, p. 45-49, ISSN: 1319-8025
6. 2010 - Contributo in Atti di convegno
Finocchiaro C.A., Fontana M, Loper K.A. (2010). Some applications of the ultrafilter topology on spaces of valuation domains, Part II - Actes des rencontres du CIRM, 2 no. 2 - Societé Mathématique de France. In: Third International Meeting on Integer-Valued Polynomials . Marsiglia - Francia, Dicembre 2010, doi: 10.5802/acirm.45
7. 2010 - Contributo in Atti di convegno
Finocchiaro C.A, Fontana M, Loper K.A. (2010). Some applications of the ultrafilter topology on spaces of valuation domains, Part I - Actes des rencontres du CIRM, 2 no. 2 - Societé Mathématique de France. In: Third International Meeting on Integer-Valued Polynomials. Marsiglia - Francia, Dicembre 2010, paris:Societe Mathematique de France, doi: 10.5802/acirm.44
8. 2009 - Articolo in rivista

- ANDERSON, DAVID F, ANDERSON D.D, FONTANA M, ZAFRULLAH MUHAMMAD (2009). *On v-domains and star operations*. COMMUNICATIONS IN ALGEBRA, vol. 37, p. 3018-3043, ISSN: 0092-7872
9. 2009 - Articolo in rivista
CHANG, G.W, FONTANA M (2009). *Uppers to zero in polynomial rings and Prüfer-like domains*. COMMUNICATIONS IN ALGEBRA, vol. 37, p. 164-192, ISSN: 0092-7872
 10. 2009 - Monografia o trattato scientifico
Fontana M, Kabbaj Salah-Eddine, Olberding Bruce, Swanson Irena (2009). *Commutative Algebra and Applications*. BERLIN/NEW YORK:Walter de Gruyter, ISBN: 978-3-11-020746-0
 11. 2009 - Contributo in volume (Capitolo o Saggio)
D'ANNA MARCO, FINOCCHIARO CARMELO, FONTANA M (2009). *Amalgamated algebras along an ideal*. In: M. FONTANA,S. KABBAJ, I. SWANSON, B. OLBERDING,. "Commutative Algebra and Applications", *Proceedings of the Fifth International Fez Conference on Commutative Algebra and Applications, Fez, Morocco, 2008*. p. 155-172, BERLIN:W. de Gruyter, ISBN: 978-3110207460
 12. 2009 - Articolo in rivista
FONTANA M, ZAFRULLAH MUHAMMAD (2009). *A "\$v\$-operation free" approach to Prüfer \$v\$-multiplication domains*. INTERNATIONAL JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES, vol. Article ID 349010, p. 1-8, ISSN: 0161-1712, doi: 10.1155/2009/349010
 13. 2008 - Articolo in rivista
ANDERSON D.F, FONTANA M, ZAFRULLAH M (2008). *Some remarks on Prüfer *-multiplication domains and class groups*. JOURNAL OF ALGEBRA, vol. 319, p. 272-295, ISSN: 0021-8693
 14. 2007 - Articolo in rivista
CHANG GYU WHAN, FONTANA M (2007). *Uppers to zero and semistar operations in polynomial rings*. JOURNAL OF ALGEBRA, vol. 318, p. 484-493, ISSN: 0021-8693
 15. 2007 - Articolo in rivista
D'ANNA MARCO, FONTANA M (2007). *An amalgamated duplication of a ring along an ideal: basic properties*. JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol. 6, p. 443-459, ISSN: 0219-4988
 16. 2007 - Articolo in rivista
D'ANNA MARCO, FONTANA M (2007). *The amalgamated duplication of a ring along a multiplicative-canonical ideal*. ARKIV FÖR MATEMATIK, vol. 45, p. 241-252, ISSN: 0004-2080, doi: 10.1007/S11512-006-0038-1
 17. 2006 - Articolo in rivista
FONTANA M, PICOZZA GIAMPAOLO (2006). *Prüfer *-multiplication domains and *-coherence*. RICERCHE DI MATEMATICA, vol. 55, p. 145-170, ISSN: 0035-5038
 18. 2006 - Contributo in Atti di convegno
DOBBS DAVID E, FONTANA M (2006). *On inverse limits of Bézout domains*. In: 2004 CONFERENCE ON ABELIAN GROUPS, RINGS, MODULES, AND HOMOLOGICAL ALGEBRA IN HONOR OF THE 72ND BIRTHDAY OF ED ENOCHS. vol. 249, CHAPMAN HALL CRC, ISBN: 978-1584885528
 19. 2005 - Articolo in rivista
FONTANA M, HOUSTON E. G, LUCAS T (2005). *Integral domains whose simple overrings are intersections of localizations*. JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol. 4, p. 195-209, ISSN: 0219-4988
 20. 2005 - Articolo in rivista
FONTANA M, PICOZZA GIAMPAOLO (2005). *Semistar invertibility on integral domains*. ALGEBRA COLLOQUIUM, vol. 12, p. 645-664, ISSN: 1005-3867
 21. 2004 - Articolo in rivista
EL BAGHDADI S., FONTANA M, PICOZZA G. (2004). *Semistar Dedekind domains*. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 193, p. 27-60-60, ISSN: 0022-4049
 22. 2004 - Articolo in rivista
FONTANA M, JARA P., SANTOS E. (2004). *Local-global properties of semistar operation*. COMMUNICATIONS IN ALGEBRA, vol. 32, p. 3111-3137, ISSN: 0092-7872
 23. 2004 - Articolo in rivista
FONTANA M, KABBAJ S.E. (2004). *Essential domains and two conjectures in dimension theory*. PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, vol. 132, p. 2529-2535, ISSN: 0002-9939
 24. 2004 - Articolo in rivista
EL BAGHDADI S., FONTANA M (2004). *Semistar linkedness and flatness, Prüfer semistar multiplicative domains*. COMMUNICATIONS IN ALGEBRA, vol. 32, p. 1101-1126, ISSN: 0092-7872

25. 2003 - Monografia o trattato scientifico
FONTANA M, KABBAJ S.E., WIEGAND S. (2003). *Commutative Ring Theory and Applications*. vol. 231, p. 1-499, NEW YORK:M Dekker, ISBN: 978-0824743444
26. 2003 - Contributo in volume (Capitolo o Saggio)
DOBBS D.E., FONTANA M, PICAVET G. (2003). *Generalized going-down homomorphisms of commutative rings*. In: FONTANA M, KABBAJ S.E., WIEGAND S.. *Commutative Ring Theory and Applications*. vol. 231, p. 143-164, NEW YORK:M Dekker, ISBN: 978-0824708559
27. 2002 - Articolo in rivista
DOBBS D.E., FONTANA M, PICAVET G. (2002). *A spectral construction of a treed domain that is not a going-down domain*. ANNALES MATHÉMATIQUES BLAISE PASCAL, vol. 9, p. 1-7, ISSN: 1259-1734
28. 2002 - Contributo in volume (Capitolo o Saggio)
FONTANA M, PAPICK I.J. (2002). *Dedekind and Prufer Domains*. In: MIKHALEV A.V., PILZ G.F.. *The Concise Handbook of Algebra*. p. 165-169, AMSTERDAM:Kluwer Academic Publishers, ISBN: 0-7923-7072-4
29. 2002 - Articolo in rivista
FONTANA M, POPESCU N. (2002). *Universal property of the Kaplansky ideal transform and affineness of open subsets*. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 173, p. 121-134, ISSN: 0022-4049
30. 2001 - Articolo in rivista
FONTANA M, LOPER K.A (2001). *A Krull-type theorem for the semistar integral closure of an integral domain*. THE ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING. SECTION A, SCIENCES, vol. 26 C (No. 1), p. 89-95, ISSN: 1319-8025
31. 2001 - Monografia o trattato scientifico
FONTANA M, Houston Evan G., Kabbaj Salah-Eddine (2001). *Commutative Algebra*, Arab. J. Sci. Eng. Sect. C Theme Issue 26 (2001). vol. 26, p. 1-198, King Fahd University of Petroleum and Minerals
32. 2001 - Articolo in rivista
FONTANA M, DOBBS D.E. (2001). *Inverse limits of integral domains arising from iterated Nagata composition*. MATHEMATICA SCANDINAVICA, vol. 88, p. 17-40, ISSN: 0025-5521
33. 2001 - Articolo in rivista
FONTANA M, HOUSTON E. (2001). *On integral domains whose overrings are Kaplansky ideal transforms*. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 163, p. 173-192, ISSN: 0022-4049
34. 1999 - Articolo in rivista
Dobbs DE, Fontana M (1999). *Lifting trees of prime ideals to Bezout extension domains*. COMMUNICATIONS IN ALGEBRA, vol. 27, p. 6243-6252, ISSN: 0092-7872, doi: 10.1080/00927879908826820
35. 1999 - Monografia o trattato scientifico
DOBBS, D., FONTANA M, KABBAJ, S.E. (1999). *Advances in Commutative Ring Theory*. p. 1-450, NEW YORK:MARCEL DEKKER
36. 1999 - Contributo in volume (Capitolo o Saggio)
Fontana M, Izelgue Lahoucine, Kabbaj Salah-Eddine, Tartarone, Francesca (1999). *Polynomial closure in essential domains and pullbacks*. In: *Advances in commutative ring theory*. vol. 205, p. 307-321, NEW YORK:MARCEL DEKKER, ISBN: 978-0824771478
37. 1998 - Articolo in rivista
Fontana M, Gabelli S, Houston E (1998). *UMT-domains and domains with Prufer integral closure*. COMMUNICATIONS IN ALGEBRA, vol. 26, p. 1017-1039, ISSN: 0092-7872, doi: 10.1080/00927879808826181
38. 1997 - Monografia o trattato scientifico
Cahen Paul-Jean, Fontana M, Houston Evan, Kabbaj Salah-Eddine (1997). *Commutative ring theory. Proceedings of the 2nd International Conference held in Fès, June 5--10, 1995*. NEW YORK:MARCEL DEKKER, ISBN: 978-0824798154
39. 1996 - Articolo in rivista
Hassani SA, Fontana M, Kabbaj SE (1996). *Group rings $R[G]$ with 3-generated ideals when R is Artinian*. COMMUNICATIONS IN ALGEBRA, vol. 24, p. 1253-1280, ISSN: 0092-7872, doi: 10.1080/00927879608825637
40. 1996 - Contributo in volume (Capitolo o Saggio)
Fontana M, Izelgue L., Kabbaj S. (1996). *Krull and valuative dimensions of the $\$A+XB[X]\$$ rings*. In: *Commutative ring theory (Fès, 1992)*. p. 111-130, NEW YORK:MARCEL DEKKER, ISBN: 978-0824798154

41. 1995 - Articolo in rivista
FONTANA M, POPESCU N (1995). ON A CLASS OF PRUFER-RINGS WITH A GROUP OF TORSION CLASSES. COMMUNICATIONS IN ALGEBRA, vol. 23, p. 4521-4533, ISSN: 0092-7872, doi: 10.1080/00927879508825483
42. 1995 - Contributo in volume (Capitolo o Saggio)
Anderson David F., Dobbs David E., Fontana M (1995). On the nonuniversality of weak normalization. In: Zero-dimensional commutative rings (Knoxville, TN, 1994). vol. 171, p. 143-154, NEW YORK:MARCEL DEKKER, ISBN: 978-0824796051
43. 1995 - Articolo in rivista
FONTANA M, IZELGUE L, KABBAJ SE (1995). ON SOME PROPERTIES OF SUBRINGS OF THE FORM $D+I$ OF AN INTEGER RING. COMMUNICATIONS IN ALGEBRA, vol. 23, p. 4189-4210, ISSN: 0092-7872, doi: 10.1080/00927879508825457
44. 1994 - Articolo in rivista
FONTANA M, IZELGUE L, KABBAJ S (1994). PROPERTIES OF CHAINS OF IDEALS IN RINGS OF FORM $A+XB[X]$. COMMUNICATIONS IN ALGEBRA, vol. 22, p. 9-27, ISSN: 0092-7872, doi: 10.1080/00927879408824828
45. 1994 - Monografia o trattato scientifico
Cahen Paul-Jean, Costa Douglas L., Fontana M, Kabbaj Salah-Eddine (1994). Commutative ring theory. Proceedings of the International Conference held in Fès, April 20--24, 1992. vol. 153, p. 1-256, NEW YORK:MARCEL DEKKER, ISBN: 978-0824791704
46. 1993 - Articolo in rivista
FONTANA M, HUCKABA JA, PAPICK IJ, ROITMAN M (1993). PRUFER DOMAINS AND ENDOMORPHISM-RINGS OF THEIR IDEALS. JOURNAL OF ALGEBRA, vol. 157, p. 489-516, ISSN: 0021-8693, doi: 10.1006/jabr.1993.1112
47. 1992 - Articolo in rivista
ANDERSON DF, DOBBS DE, FONTANA M, KHALIS M (1992). CATENARITY OF FORMAL POWER-SERIES RINGS OVER A PULLBACK. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 78, p. 109-122, ISSN: 0022-4049, doi: 10.1016/0022-4049(92)90089-X
48. 1992 - Articolo in rivista
DOBBS DE, FONTANA M (1992). INTEGRAL OVERRINGS OF 2-DIMENSIONAL GOING-DOWN DOMAINS. PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, vol. 115, p. 655-662, ISSN: 0002-9939, doi: 10.2307/2159211
49. 1992 - Articolo in rivista
ANDERSON DF, DOBBS DE, FONTANA M (1992). HILBERT RINGS ARISING AS PULLBACKS. CANADIAN MATHEMATICAL BULLETIN, vol. 35, p. 431-438, ISSN: 0008-4395, doi: 10.4153/CMB-1992-057-4
50. 1991 - Articolo in rivista
Anderson David F., Dobbs David E., Fontana M (1991). Notes on N -dimension sequences. MATHEMATICA JAPONICA, vol. 36, p. 121-125, ISSN: 0025-5513
51. 1991 - Articolo in rivista
Dobbs David E., Fontana M (1991). Universally catenarian domains of $D+M$ type. II. INTERNATIONAL JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES, vol. 14, p. 209-214, ISSN: 0161-1712
52. 1991 - Articolo in rivista
FONTANA M, PAPPALARDI F (1991). THE PRIME SPACES AS SPECTRAL SPACES. ANNALI DI MATEMATICA PURA ED APPLICATA, vol. 160, p. 331-345, ISSN: 0373-3114, doi: 10.1007/BF01764133
53. 1990 - Articolo in rivista
Dobbs David E., Fontana M, Kabbaj Salah (1990). Direct limits of Jaffard domains and S -domains. COMMENTARII MATHEMATICI UNIVERSITATIS SANCTI PAULI, vol. 39, p. 143-155, ISSN: 0010-258X
54. 1990 - Articolo in rivista
FONTANA M, KABBAJ S (1990). ON THE KRULL AND VALUATIVE DIMENSION OF $D+XDS[X]$ DOMAINS. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 63, p. 231-245, ISSN: 0022-4049, doi: 10.1016/0022-4049(90)90069-T
55. 1990 - Articolo in rivista
Anderson D. F., Dobbs D. E., Fontana M (1990). Characterizing Kronecker function rings. ANNALI DELL'UNIVERSITÀ DI FERRARA. SEZIONE 7: SCIENZE MATEMATICHE, vol. 36, p. 1-13, ISSN: 0430-3202
56. 1989 - Articolo in rivista

- Dobbs David E., Fontana M (1989). Some results on the weak normalization of an integral domain. MATHEMATICAL JOURNAL OF OKAYAMA UNIVERSITY, vol. 31, p. 9-23, ISSN: 0030-1566*
57. 1989 - Articolo in rivista
ANDERSON DF, DOBBS DE, FONTANA M (1989). ON TREED NAGATA RINGS. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 61, p. 107-122, ISSN: 0022-4049, doi: 10.1016/0022-4049(89)90008-X
 58. 1988 - Articolo in rivista
DOBBS DE, FONTANA M (1988). ON DIMENSION SEQUENCES AND A CLASS OF DISTINGUISHED RINGS WHICH DETERMINE THEM. COMPTES RENDUS DE L'ACADÉMIE DES SCIENCES. SÉRIE 1, MATHÉMATIQUE, vol. 306, p. 11-16, ISSN: 0764-4442
 59. 1988 - Articolo in rivista
BOUVIER A, DOBBS DE, FONTANA M (1988). UNIVERSALLY CATENARIAN INTEGRAL-DOMAINS. ADVANCES IN MATHEMATICS, vol. 72, p. 211-238, ISSN: 0001-8708, doi: 10.1016/0001-8708(88)90028-X
 60. 1987 - Articolo in rivista
Anderson David F., Dobbs David E., Fontana M (1987). When is a Bezout domain a Kronecker function ring?. COMPTES RENDUS MATHÉMATIQUES DE L'ACADEMIE DES SCIENCES, vol. 9, p. 25-30, ISSN: 0706-1994
 61. 1987 - Articolo in rivista
FONTANA M, HUCKABA JA, PAPICK IJ (1987). DOMAINS SATISFYING THE TRACE PROPERTY. JOURNAL OF ALGEBRA, vol. 107, p. 169-182, ISSN: 0021-8693, doi: 10.1016/0021-8693(87)90083-4
 62. 1987 - Articolo in rivista
BOUVIER A, DOBBS DE, FONTANA M (1987). TWO SUFFICIENT CONDITIONS FOR UNIVERSAL CATENARITY. COMMUNICATIONS IN ALGEBRA, vol. 15, p. 861-872, ISSN: 0092-7872, doi: 10.1080/00927878708823446
 63. 1987 - Articolo in rivista
Dobbs David E., Fedder Richard, Fontana M (1987). Abstract Riemann surfaces of integral domains and spectral spaces. ANNALI DI MATEMATICA PURA ED APPLICATA, vol. 148, p. 101-115, ISSN: 0373-3114
 64. 1986 - Articolo in rivista
FONTANA M, HUCKABA JA, PAPICK IJ (1986). SOME PROPERTIES OF DIVISORIAL PRIME IDEALS IN PRUFER DOMAINS. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 39, p. 95-103, ISSN: 0022-4049, doi: 10.1016/0022-4049(86)90137-4
 65. 1985 - Contributo in volume (Capitolo o Saggio)
BOUVIER A, FONTANA M (1985). THE CATENARIAN PROPERTY OF THE POLYNOMIAL-RINGS OVER A PRUFER DOMAIN. In: Séminaire d'algèbre Paul Dubreil et Marie-Paule Malliavin, 36ème année (Paris, 1983--1984). vol. 146, BERLIN:Springer, ISBN: 978-3540156864
 66. 1984 - Articolo in rivista
Dobbs David E., Fontana M (1984). Universally incomparable ring-homomorphisms. BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY, vol. 29, p. 289-302, ISSN: 0004-9727
 67. 1984 - Articolo in rivista
Dobbs David E., Fontana M (1984). Universally going-down integral domains. ARCHIV DER MATHEMATIK, vol. 42, p. 426-429, ISSN: 0003-889X
 68. 1984 - Articolo in rivista
Dobbs David E., Fontana M (1984). Going-up, direct limits and universality. COMMENTARII MATHEMATICI UNIVERSITATIS SANCTI PAULI, vol. 33, p. 191-196, ISSN: 0010-258X
 69. 1984 - Articolo in rivista
Dobbs David E., Fontana M (1984). Universally going-down homomorphisms of commutative rings. JOURNAL OF ALGEBRA, vol. 90, p. 410-429, ISSN: 0021-8693
 70. 1984 - Articolo in rivista
Dobbs David E., Fontana M (1984). Universally going-down homomorphisms of commutative rings. JOURNAL OF ALGEBRA, vol. 90, p. 410-429, ISSN: 0021-8693
 71. 1983 - Articolo in rivista
Bouvier Alain, Fontana M (1983). On the catenarian property of the polynomial rings over a Prüfer domain. COMPTES RENDUS MATHÉMATIQUES DE L'ACADEMIE DES SCIENCES, vol. 5, p. 97-100, ISSN: 0706-1994
 72. 1983 - Contributo in volume (Capitolo o Saggio)
Dobbs David E., Fontana M (1983). Pseudovaluation domains and their globalizations. In:

- Commutative algebra* (Trento, 1981). vol. 84, p. 65-77, NEW YORK:MARCEL DEKKER, ISBN: 978-0824718992
73. 1983 - Articolo in rivista
Dobbs David E., Fontana M (1983). *Locally pseudovaluation domains*. ANNALI DI MATEMATICA PURA ED APPLICATA, vol. 134, p. 147-168, ISSN: 0373-3114
74. 1983 - Articolo in rivista
Fontana M (1983). *Sur quelques classes d'anneaux divisés [On some classes of divided rings]*. RENDICONTI DEL SEMINARIO MATEMATICO E FISICO DI MILANO, vol. 51, p. 179-200, ISSN: 0370-7377
75. 1983 - Articolo in rivista
Fontana M, Viswanathan T. M. (1983). *Analogues of a theorem of Cohen for overrings*. JOURNAL OF PURE AND APPLIED ALGEBRA, vol. 29, p. 285-296, ISSN: 0022-4049
76. 1982 - Articolo in rivista
Dobbs David E., Fontana M (1982). *Classes of commutative rings characterized by going-up and going-down behavior*. RENDICONTI DEL SEMINARIO MATEMATICO DELL'UNIVERSITA' DI PADOVA, vol. 66, p. 113-127, ISSN: 0041-8994
77. 1982 - Articolo in rivista
Barucci Valentina, Fontana M (1982). *When are $D+M$ rings Laskerian?*. RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO. SUPPLEMENTO, vol. 31, p. 125-136, ISSN: 1592-9531
78. 1982 - Articolo in rivista
Dobbs David E., Fontana M, Papick Ira J. (1982). *Direct limits and going-down*. COMMENTARII MATHEMATICI UNIVERSITATIS SANCTI PAULI, vol. 31, p. 129-135, ISSN: 0010-258X
79. 1982 - Articolo in rivista
Dobbs David E., Fontana M, Huckaba James A., Papick Ira J. (1982). *Strong ring extensions and pseudovaluation domains*. HOUSTON JOURNAL OF MATHEMATICS, vol. 8, p. 167-184, ISSN: 0362-1588
80. 1981 - Articolo in rivista
Bouvier Alain, Fontana M (1981). *Une classe d'espaces spectraux de dimension 1: les espaces principaux*. BULLETIN DES SCIENCES MATHÉMATIQUES, vol. 105, p. 159-167, ISSN: 0007-4497
81. 1981 - Articolo in rivista
Dobbs David E., Fontana M, Papick Ira J. (1981). *On the flat spectral topology*. RENDICONTI DI MATEMATICA E DELLE SUE APPLICAZIONI, vol. 1 (7), p. 559-578, ISSN: 1120-7183
82. 1981 - Articolo in rivista
Dobbs David E., Fontana M, Papick Ira J. (1981). *On certain distinguished spectral sets*. ANNALI DI MATEMATICA PURA ED APPLICATA, vol. 128, p. 227-240, ISSN: 0373-3114
83. 1980 - Articolo in rivista
Fontana M (1980). *Quelques nouveaux résultats sur une classe d'espaces spectraux*. ATTI DELLA ACCADEMIA NAZIONALE DEI LINCEI. RENDICONTI DELLA CLASSE DI SCIENZE FISICHE, MATEMATICHE E NATURALI, vol. 67, p. 157-161, ISSN: 0392-7881
84. 1979 - Articolo in rivista
Fontana M (1979). *Absolutely flat Baer rings*. BOLLETTINO DELL'UNIONE MATEMATICA ITALIANA. B, vol. 16, p. 566-583, ISSN: 0392-4041
85. 1979 - Articolo in rivista
Fontana M (1979). *On some problems relating to spectral sets*. RENDICONTI DEL SEMINARIO DELLA FACOLTÀ DI SCIENZE DELL'UNIVERSITÀ DI CAGLIARI, vol. 49, p. 445-467, ISSN: 0370-727X
86. 1977 - Articolo in rivista
Fontana M, Mazzola, Guerino (1977). *Arithmétique fonctorielle des topologies de Grothendieck*. ANNALI DELL'UNIVERSITÀ DI FERRARA. SEZIONE 7: SCIENZE MATEMATICHE, vol. 22, p. 49-94, ISSN: 0430-3202
87. 1976 - Articolo in rivista
Fontana M, Maroscia Paolo (1976). *Sur les anneaux de Goldman*. BOLLETTINO DELL'UNIONE MATEMATICA ITALIANA. B, vol. 13, p. 743-759, ISSN: 0392-4041
88. 1975 - Articolo in rivista
Fontana M, Mazzola Guerino (1975). *Arithmétique fonctorielle*. RENDICONTI DI MATEMATICA, vol. 8 (serie VI), p. 730-768, ISSN: 0034-4427
89. 1975 - Articolo in rivista
Fontana M, Maroscia, Paolo (1975). *Sul grafo di alcune classi di applicazioni razionali*. Collection in

memory of Enrico Bompiani. *BOLLETTINO DELLA UNIONE MATEMATICA ITALIANA*, vol. 12, p. 86-97,
ISSN: 0041-7084

Titoli

responsabilità scientifica per progetti di ricerca internazionali e nazionali, ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari

Progetto	Durata	Ruolo Ricoperto
PRIN 2000: Nuove prospettive nella teoria degli anelli, dei moduli e dei gruppi abeliani	24	Responsabile Unità
PRIN 2002: Anelli Commutativi e loro Moduli	24	Coordinatore Progetto
PRIN 2005: Anelli commutativi e loro moduli: teoria moltiplicativa degli ideali, metodi omologici e topologici	24	Responsabile Unità
PRIN 2008: Anelli commutativi e loro moduli, gruppi abeliani e applicazioni	24	Responsabile Unità

partecipazione a comitati editoriali di riviste, collane editoriali, enciclopedie e trattati di riconosciuto prestigio

Tipo	Titolo	Dal	Al
Riviste	JP Journal of Algebra, Number Theory and Applications	01/2001	->/--->
Riviste	Journal of Commutative Algebra (Rocky Mountain Mathematics Consortium)	01/2009	->/--->
Riviste	Ricerche di Matematica	01/2006	->/--->

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

Tipo	Ente	Dal	Al
Insegnamento e Ricerca	Several universities (including U. Paris-Sud, Orsay; U. Lyon; U. Granada; U. Tennessee, Knoxville; U. Columbia-Missouri; U. North-Carolina, Charlotte; Ohio State U., Columbus; New Mexico State U., Las Cruces; Harvard U., Cambridge; Trinity U., San Antonio, TX; U. Fès, Marocco; King Fahad University KFUPM, SA; U. Aix-Marseille "Paul Cezanne"; U. Tunis; American U. at Sharjah, UAE	09/1979	06/2012