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List of publications by Aldo Andreotti

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LIST OF PUBLICATIONS BY ALDO ANDREOTTI

1948

1. Le serie lineari sopra una retta multipla e in particolare sopra una retta doppia. *Ann. Mat. Pura Appl.*, (4) 27, 165-175.
2. Questioni di equivalenza relative alle curve riducibili e ai punti base di un fascio di curve sopra una superficie algebrica. I. *Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.*, (8) 4, 551-557.
3. Questioni di equivalenza relative alle curve riducibili e ai punti base di un fascio di curve sopra una superficie algebrica. II. *Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.*, (8) 4, 666-671.
4. Sulle corrispondenze fra due curve birazionalmente distinte a moduli generali e sui modelli minimi dei loro prodotti. *Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.*, (8) 5, 375-380.
5. Applicazione di un teorema di Schottley-Cecioni allo studio della geometria sopra una curva ellittica in relazione con quello sopra due curve ellittiche reali del tipo di Harnack. *Boll. Un. Mat. Ital.*, (3) 3, 210-214.

1949

6. Sulle superficie di Kummer e di Weddle. *Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.*, (8) 6, 61-64.
7. Sulla proposizione di De Zolt pei Poliedri. *Boll. Un. Mat. Ital.*, (3) 4, 68-75.
8. Sul risultante di due polinomi. *Boll. Un. Mat. Ital.*, (3) 4, 168-169.

1950

9. Un'applicazione di un teorema di Cecioni ad un problema di rappresen-

tazione conforme. *Ann. Scuola Norm. Sup. Pisa*, (3) 2, (1948), 99-103.

10. Sopra alcune superficie algebriche uniformizzabili, *Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.*, (8) 8, 569-570.
11. Sopra le superficie algebriche che posseggono trasformazioni birazionali in sè. *Rend. Mat.*, (5) 9, 255-279.

1951

12. Sopra le varietà di Picard d'una superficie algebrica e sulla classificazione delle superficie irregolari. *Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.*, (8) 10, 380-385.
13. Sopra le involuzioni appartenenti ad una varietà di Picard. *Pont. Acad. Sc. Acta*, 14 (1950), 107-115.
14. Sopra il problema dell'uniformizzazione per alcune classi di superficie algebriche. *Rend. Acc. Naz. dei XL*, (4) 2, 111-127.
15. Sopra le varietà di Picard di una superficie algebrica. *Rend. Acc. Naz. dei XL*, (4) 2, 129-137.

1952

16. Les problèmes de classification dans la théorie des surfaces algébriques irrégulières, *Deuxième colloque de géométrie algébrique*, Liège, 111-118. Georges Thone, Liège; Masson & Cie., Paris.
17. Recherches sur les surfaces irrégulières. *Acad. Roy. Belg. Cl. Sci. Mem. Coll. in 8°*, 27, no 4, pp. 56.
18. Recherches sur les surfaces irrégulières. *Acad. Roy. Belg. Cl. Sci. Mem. Coll. in 8°*, 27, no 7, pp. 36.

1953

19. Sopra il gruppo della torsione unidimensionale delle varietà algebriche. *Rend. Sem. Mat. Univ. e Politec. Torino*, 12, 239-264.

1957

20. On the complex structure of a class of simply-connected manifolds. *Algebraic geometry and topology. A symposium in honor of S. Lefschetz*, 53-77. Princeton University Press, Princeton, N.J.
21. (and P. Salmon) Anelli con unica decomponibilità in fattori primi ed un problema di intersezioni complete. *Monatshefte Math.*, 61, 97-142.

1958

22. On a theorem of Torelli. *Amer.J.Math.*, 80, 801-828.

1959

23. (and T. Fraenkel) The Lefschetz theorem on hyperplane sections. *Ann. of Math.*, (2) 69, 713-717.

1960

24. (and W. Stoll) Extension of holomorphic maps. *Ann. of Math.*, (2) 72, 312-349.

1961

25. (and E. Vesentini) Sopra un teorema di Kodaira. *Ann.Scuola Norm. Sup.Pisa*, (3) 15, 283-309.
26. (and H. Grauert) Algebraische Körper von automorphen Funktionen. *Nachr.Akad. Wiss.Göttingen Math.-Phys.Kl II*, 39-48.

1962

27. (and E. Vesentini) Un teorema di annullamento della coomologia. *Atti del Convegno int.di Geometria Algebrica*, Torino, 1961, 57-62.
28. (and H. Grauert) Théorèmes de finitude pour la cohomologie des espaces complexes. *Bull.Soc.Math.France*, 90, 193-259.
29. (and E. Vesentini) On the pseudorigidity of Stein manifolds. *Ann. Scuola Norm. Sup.Pisa*, (3) 16, 213-223.
30. (and Raghavan Narasimhan) A topological property of Runge pairs. *Ann. of Math.*, (2) 76, 499-509.

1963

31. Complex pseudoconcave spaces and automorphic functions. *Proc. Internat. Congr.Mathematicians, Stockholm, 1962*, 306-308, Inst. Mittag-Leffler, Djursholm.
32. Théorèmes de dépendance algébrique sur les espaces complexes pseudo-concaves. *Bull.Soc.Math.France*, 91, 1-38.
33. (and E. Vesentini) Les théorèmes fondamentaux de la théorie des espaces holomorphiquement complets. *Topologie et géométrie différentielle* (Séminaire C. Ehresmann), vol. IV, 1962-63, Cahier 1, 31 pp. Institut H. Poincaré, Paris.

34. (and E. Vesentini) Disuguaglianze di Carleman sopra una varietà complessa. *Atti Accad.Naz.Lincei Rend.Cl.Sci.Fis.Mat.Natur.*, (8) 35, 431-434.
35. Coomologia sulle varietà complesse, II, Funzioni e varietà complesse. Centro Internazionale Matematico Estivo, II ciclo, Varenna, pp. 20, Edizioni Cremonese, Roma.

1964

36. (and F. Norguet) Problème de Levi pour les classes de cohomologie. *C.R.Acad.Sci.Paris*, 258, 778-781.
37. (and Raghavan Narasimhan) Oka's Heftungslemma and the Levi problem for complex spaces. *Trans.Amer.Math.Soc.*, 111, 345-366.
38. (and E. Vesentini) Deformazione di gruppi discontinui. *Atti Accad.Naz.Lincei Rend.Cl.Sci.Fis.Mat.Natur.*, (8) 37, 25-27.
39. (and E. Vesentini) On deformations of discontinuous groups. *Acta Math.*, 112, 249-298.

1965

40. (and E. Vesentini) A remark on non-compact quotients of bounded symmetric domains. *Proc.Conference Complex Analysis, Minneapolis, 1964*, 175-182, Springer-Verlag, Berlin/Heidelberg/New York.
41. (and E. Vesentini) Carleman estimates for the Laplace Beltrami equation on complex manifolds. *Inst.Hautes Etudes Sci.Publ.Math.*, 25, 81-130, 153-155.
42. (and F. Norguet) Quelques propriétés de courants définis à l'aide de fonctions holomorphes. *An.Acad.Brasil Ci.*, 37, 385-388.

1966

43. (and F. Norguet) Problème de Levi et convexité holomorphe pour les classes de cohomologie. *Ann.Scuola Norm.Sup.Pisa*, (3) 20, 197-241.

1967

44. (and F. Norguet) La convexité holomorphe dans l'espace analytique des cycles d'une variété algébrique. *Ann.Scuola Norm.Sup.Pisa*, (3) 21, 31-82.
45. (and A.L. Mayer) On period relations for abelian integrals on algebraic curves. *Ann.Scuola Norm.Sup.Pisa*, (3) 21, 189-238.

1968

46. Problema di Levi e convessità olomorfa. *Ist.Naz.Alta Mat.Symposia Mathematica*, 2, 347-352.

1969

47. (and E. Bombieri) Sugli omeomorfismi delle varietà algebriche. *Ann. Scuola Norm. Sup. Pisa*, (3) 23, 431-450.
48. (and T. Fraenkel) The second Lefschetz theorem on hyperplane sections, Global Analysis. *Papers in honor of K. Kodaira*, 1-20, Univ. Tokyo Press, Tokyo.
49. (and G. Tomassini) A remark on the vanishing of certain cohomology groups. *Compositio Math.*, 21, 417-430.

1970

50. (and Yun Tong Siu) Projective embedding of pseudoconcave spaces. *Ann. Scuola Norm. Sup. Pisa*, (3) 24, 231-278.
51. (and G. Tomassini) Some remarks on pseudoconcave manifolds. *Essays on Topology and Related Topics. Mémoires dédiées à Georges de Rham*, 85-104, Springer-Verlag, Berlin/Heidelberg/New York.

1971

52. Algebraic cycles and holomorphic convexity, Complex Analysis, Proc. Conf., Rice Univ., Houston, Tex., 1969. *Rice Univ. Studies*, 56, no 2, 137-141.
53. (and W. Stoll) The extension of bounded holomorphic functions from hypersurfaces in a polycylinder, Complex Analysis, Proc. Conf., Rice Univ., Houston, Tex., 1969. *Rice Univ. Studies* 56 (1970), no. 2, 199-222.
54. E.E. Levi convexity and H. Lewy problem. *Actes du Congrès International des Mathématiciens, Nice, 1970*, Tome 2, 607-611. Gauthier-Villars, Paris.
55. (and F. Norguet) Cycles of algebraic manifolds and $\partial\bar{\partial}$ -cohomology. *Ann. Scuola Norm. Sup. Pisa*, (3) 25, 59-114.
56. (and W. Stoll) Analytic and algebraic dependence of meromorphic functions. *Lecture Notes in Mathematics*, 234, Springer-Verlag, Berlin/Heidelberg/New York, iii, + 390 pp.
57. (and A. Kas) Serre duality on complex analytic spaces, (Italian summary). *Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.*, (8) 50, 397-401.

1972

- 58. (and C.D. Hill) E.E. Levi convexity and the Hans Lewy problem I. Reduction to vanishing theorems. *Ann.Scuola Norm.Sup.Pisa*, (3) 26, 325-363.
- 59. (and C.D. Hill) E.E. Levi convexity and the Hans Lewy problem II. Vanishing theorems. *Ann.Scuola Norm.Sup.Pisa*, (3) 26, 747-806.
- 60. (and A. Huckleberry) Pseudoconcave Lie groups. *Compositio Math.*, 25, 109-115.

1973

- 61. (and A. Kas) Duality on complex spaces. *Ann.Scuola Norm.Sup.Pisa*, (3) 27, 187-263.

1974

- 62. Boundary value problems and Mayer-Vietoris sequence. *Rend.Sem.Mat. Fis.Milano*, 43, (1973), 27-34.
- 63. Convexité holomorphe dans les variétés algébriques. Fonctions de plusieurs variables complexes. Séminaire François Norguet, Octobre 1970-Décembre 1973; à la mémoire d'André Martineau, 327-334. *Lecture Notes in Mathematics*, 409, Springer-Verlag, Berlin/Heidelberg/New York.
- 64. Problème de Lewy. Fonctions de plusieurs variables complexes. Séminaire François Norguet, Octobre 1970-Décembre 1973; à la mémoire d'André Martineau, 212-222. *Lecture Notes in Mathematics*, 409, Springer-Verlag, Berlin/Heidelberg/New York.
- 65. Plongement projectif des espaces pseudoconcaves. Fonctions de plusieurs variables complexes. Séminaire François Norguet, Octobre 1970-Décembre 1973; à la mémoire d'André Martineau, 204-211. *Lecture Notes in Mathematics*, 409, Springer-Verlag, Berlin/Heidelberg/New York.
- 66. (and F. Gherardelli) Some remarks on quasi-Abelian manifolds. *Global Analysis and Its Applications*, vol. II. Lectures, Internat.Centre Theoret.Phys., Trieste, 1972, 203-206. Internat.Atomic Energy Agency, Vienna.
- 67. Nine lectures on complex analysis. Complex analysis (Centro Internazionale Matematico Estivo, I Ciclo, Bressanone, 1973, 1-175. Edizioni Cremonese, Roma.
- 68. (and W. Stoll) Meromorphic functions on complex spaces. Fonctions de

plusieurs variables complexes. Sémin.François Norguet, Octobre 1970-Décembre 1973; à la mémoire d'André Martineau, 279-309. *Lecture Notes in Mathematics*, 409, Springer-Verlag, Berlin/Heidelberg/New York.

1975

69. Complexes of partial differential operators. James K. Whittemore Lectures in Mathematics given at Yale University, May 1974. *Yale Mathematical Monographs* no 6. Yale University Press, New Haven, Conn.-London, vi, 49 pp.
70. (and C. Bănică) Relative duality on complex spaces I. *Rev.Roumaine Math.Pures Appl.*, 20, n. 9, 981-1041.

1976

71. (and C.D. Hill, S. Łojasiewicz, B. Mackichan) Mayer-Vietoris sequences for complexes of differential operators. *Bull.Amer.Math.Soc.*, 82, n. 3, 487-490.
72. (and C.D. Hill, S. Łojasiewicz, B. Mackichan) Complexes of differential operators. The Mayer-Vietoris sequence. *Invent. Math.*, 35, 43-86.
73. (and C. Bănică) Relative duality on complex spaces II. *Rev.Roumaine Math.Pures Appl.*, 21, n. 9, 1139-1181.
74. (and M. Nacinovich) Complexes of partial differential operators. *Ann. Scuola Norm.Sup.Pisa Cl.Sci.*, (4) 3, n. 4, 553-621.
75. Complessi di operatori differenziali. *Boll. Un.Mat.Ital.A*, (5) 13, 273-281.
76. (and M. Nacinovich) Analytic convexity. Some comments on an example of De Giorgi and Piccinini. *Complex Analysis and Its Applications*, vol. III. Lectures, Int.Sem.Course, Internat. Centre Theoret.Phys., Trieste, 1975, 25-37. Internat.Atomic Energy Agency, Vienna.
77. Introduzione all'analisi complessa. Lezioni tenute nel febbraio 1972. *Accademia Nazionale dei Lincei*. Contributi del Centro Interdisciplinare Linceo di Scienze Matematiche e loro applicazioni, n. 4, 34 pp.
78. Lewy problem for Cauchy Riemann equations. Lezioni tenute nel febbraio 1973. *Accademia Nazionale dei Lincei*. Contributi del Centro Interdisciplinare Linceo di Scienze Matematiche e loro applicazioni, n. 24, 17 pp.

1977

79. (and W.A. Adkins and J.V. Leahy) An analogue of Oka's theorem for weakly normal complex spaces. *Pacific J.Math.*, 68, 297-301.

80. (and J. Lawrynowicz) The generalized complex of Monge-Ampère equation and a variational capacity problem. *Bull. Acad. Polon. Sci. Sér. Sci. Math. Astronom. Phys.*, 25, 949-955.
81. (and M. Nacinovich) Some remarks on formal Poincaré lemma, *Complex Analysis and Algebraic Geometry*, 295-305. A collection of papers dedicated to K. Kodaira, edited by W.L. Baily and T. Shioda. Iwanami Shoten, Tokyo.
82. (and M. Nacinovich) Théorie élémentaire de la convexité. *Séries de Mathématiques Pures et Appliquées*, I.R.M.A., Strasbourg, R.C.P. 25, v. 24, 1-12.
83. (and P. Holm) Quasianalytic and parametric spaces, Real and complex singularities. *Proceedings of the Nordic Summer School/NAVF. Symposium in Mathematics*. Oslo 1976, Sijthoff & Noordhoff Inter.Pub., Alphen a.d. Rijn, the Neth., 13-97.

1978

84. (and G. Tomassini) Spazi vettoriali topologici. *Quaderni dell'Un. Mat. Ital.*, 1, viii, + 84.
85. (and M. Nacinovich) Domaines de Régularité pour les opérateurs elliptiques à coefficients constants, *Séries de Mathématiques Pures et Appliquées*, I.R.M.A., Strasbourg, R.C.P. 25, v. 26, 1-13.

1979

86. (and M. Nacinovich) Convexité analytique. Fonctions de plusieurs variables complexes. Séminaire François Norguet; 354-364. *Lecture Notes in Mathematics*, 670, Springer-Verlag, Berlin/Heidelberg/New York.
87. (and M. Nacinovich) Convexité analytique II (Résultats positifs) Fonctions de plusieurs variables complexes. Séminaire François Norguet; 410-415. *Lecture Notes in Mathematics*, 670, Springer-Verlag, Berlin/Heidelberg/New York.
88. (and M. Nacinovich) On the envelope of regularity for solutions of homogeneous systems of linear partial differential operators. *Ann. Scuola Norm. Sup. Pisa*, (4) 6, 69-141.
89. (and G.A. Fredricks) Embeddability of real analytic Cauchy-Riemann manifolds. *Ann. Scuola Norm. Sup. Pisa*, (4) 6, 285-304.
90. *Etude de géometrie algébrique*, I.R.M.A., Strasbourg, pp. 340.
91. (and C. Bănică) Twisted sheaves on complex spaces. *Ann. Scuola Norm. Sup. Pisa*, (4) 7, 1-27.
92. (and M. Nacinovich) Analytic convexity. *Ann. Scuola Norm. Sup. Pisa*, (4) 7, 257-372.

(To appear)

93. (and M. Nacinovich) Analytic convexity and the Phragmén-Lindelöf principle. (*Quaderni Scuola Norm. Sup. Pisa*), Pisa, 1980.
94. (and M. Nacinovich) On the theory of analytic convexity. (*Atti Accad. Naz. Lincei Cl. Sci.*).
95. (and M. Nacinovich) On analytic and C^∞ Poincaré lemma. (*Advances in Math.*).
96. (and M. Nacinovich) Sopra il lemma di Poincaré per complessi di operatori differenziali. (Univ. e Politecnico Torino, *Rend. Sem. Mat.*).
97. (and M. Nacinovich) Non characteristic hypersurfaces for complexes of differential operators. (*Ann. di Mat.*).
98. (and M. Nacinovich) Some remarks on complexes of differential operators with constant coefficients.
99. (and G. Fredricks and M. Nacinovich) Differential equations without solutions. (*Atti del convegno di Milano*).
100. (and G. Fredricks and M. Nacinovich) On the absence of Poincaré lemma in tangential Cauchy Riemann complexes. *Ann. Scuola Norm. Sup. Pisa*, (4) 8.
101. (and W. Adkins and A. Leahy) Weakly normal complex spaces. (*Accad. Naz. Lincei*).