

Curriculum Vitae by Alberto Cialdea

Education:

1983, Università “La Sapienza” di Roma, degree in Mathematics cum laude, (advisor: Pof. Gaetano Fichera).

1983-1985, I.N.D.A.M. Scholarship, Istituto Nazionale di Alta Matematica Francesco Severi, Roma.

1989, Accademia Nazionale dei Lincei-Royal Society Scholarship, Glasgow University.

Employment:

1986-87, Teaching Contract, Università di Ancona.

1988-92, Researcher, Università di Salerno, Università dell’Aquila.

1992-94, Associate Professor, Università “La Sapienza” di Roma.

1994-present, Full Professor, Università della Basilicata.

1998-2006, Head of the Department of Mathematics, Università della Basilicata.

2002-06, Member of the Academic Senatus, Università della Basilicata.

2004-07, PhD Coordinator, Dottorato in Metodi e Modelli Matematici per i Sistemi Dinamici, Università della Basilicata.

2007-2009, PhD Coordinator, Dottorato in Matematica Applicata e Informatica, Università della Basilicata.

2013-2015, President of the “Commissione Didattica”, DiMIE, Unibas.

2013-present, President of the “Commissione Paritetica”, DiMIE, Unibas.

1994, Visiting Professor, University of Delaware.

Awards:

1989, Premio G. Iapichino, Accademia Nazionale dei Lincei.

Educational Activity:

He has taught different courses of Mathematical Analysis, Higher Analysis, Functional Analysis, Partial Differential Equations for the Degree in Mathematics and courses of Calculus for the Degree in Chemistry, Geological Sciences and Biotechnology.

He is also active in PhD educational activity, teaching PhD courses and supervising PhD students.

Scientific Papers

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- [2] CIALDEA A. (1985). Teoremi di completezza connessi con equazioni ellittiche di ordine superiore in due variabili in un campo con contorno angoloso. *Rendiconti del Circolo Matematico di Palermo*, Vol. 34; p. 32–49.
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- [5] CIALDEA A. (1986). L'equazione $\Delta_2 u + a_{10}(x, y) \frac{\partial u}{\partial x} + a_{01}(x, y) \frac{\partial u}{\partial y} + a_{00}(x, y)u = F(x, y)$. Formule di maggiorazione relative ai problemi al contorno. *Atti della Accademia Nazionale dei Lincei. Rendiconti della classe di scienze fisiche, matematiche e naturali*, Vol. 80; p. 510–524.
- [6] CIALDEA A. (1987). L'equazione $\Delta_2 u + a_{10}(x, y) \frac{\partial u}{\partial x} + a_{01}(x, y) \frac{\partial u}{\partial y} + a_{00}(x, y)u = F(x, y)$. Teoremi di completezza. *Atti della Accademia Nazionale dei Lincei. Rendiconti della classe di scienze fisiche, matematiche e naturali*, Vol. 81; p. 245–257.
- [7] CIALDEA A. (1988). Sul problema della derivata obliqua per le funzioni armoniche e questioni connesse. *Rendiconti dell'Accademia Nazionale delle Scienze detta dei XL. Parte I: Memorie di Matematica*, Vol. 12; p. 181–200.

- [8] CIALDEA A. (1988). Formule di maggiorazione e teoremi di completezza relativi al sistema dell'elasticità tridimensionale. *Rivista di Matematica della Università di Parma*, Vol. 14; p. 283–302.
- [9] CIALDEA A. (1988). Maggiorazione esplicita L^2 per le soluzioni del sistema dell'elasticità. *Rendiconti di Matematica e delle sue Applicazioni*, (7) Vol. 8; p. 241–264.
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- [60] CARAMUTA P., CIALDEA A., SILVERIO F., The convergence in L^p -norm of conjugate Laplace series, submitted.

Monographs

- [1] CIALDEA, A. (2010). *The L^p -dissipativity of partial differential operators*. Lecture Notes of TICMI, Vol. 11, Tbilisi.
- [2] CIALDEA, A., MAZ'YA, V. (2014), *Semi-bounded Differential Operators, Contractive Semigroups and Beyond*, Operator Theory: Advances and Applications, 243, Birkhäuser, Berlin.

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- [1] CIALDEA, A. (2001). *Homage to Gaetano Fichera*, Quaderni di Matematica, Vol. 7, Aracne, Roma.
- [2] CIALDEA, A., LANZARA F., RICCI P.E. (2009). *Analysis, Partial Differential Equations and Applications*, Operator Theory, Advances and Applications, Vol. 193, Birkhäuser, Berlin.

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