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Areas of teaching and research

Mathematical Analysis

Calculus of variations

Mathematical Models

Office hours

Tuesday, Wednesday and Thursday by appointment

Curriculum

Born in Savona on February 18, 1951. Graduated in July 1970 at the Liceo Scientifico "O. Grassi" in Savona. Graduated in Mathematics in July 16, 1974 at the University of Genoa. Fellow C.N.R. and Associate from 1/1/74 to 15/3/78. Assistant Professor of Mathematical Analysis from 16/03/1978. Professor of Mathematical Analysis from 1978 to 1982, at the University of Genoa. Associate Professor of Mathematical Analysis at the Faculty of Engineering of the University of Genoa since 01/08/1980.

Professor of Mathematical Analysis at the Faculty of Engineering of the University of Cagliari from 11/01/1990, at the Faculty of Science of the University of Turin (Alessandria) from 01/11/1991 and at the II Faculty of Sciences of the University of Turin, (Alessandria) from 11/1/1992. Professor of Mathematical Analysis at the Faculty of Engineering of the University of Genoa (Savona) from 1/11/1994.

Chairman of the Board of the Master of Science in Mathematics, II Faculty of Sciences (Alessandria), of the University of Turin from 1992 to 1994. Chairman of the Library of the II Faculty of Sciences (Alessandria) of the University of Turin from 1992 to 1994. Chairman of the Board of Master of Science in Management Engineering at the Faculty of Engineering of the University of Genoa (Savona) from 2010 to 2012.

Chairman of the Degree Course in Industrial Engineering and Management Engineering of the University of Genoa (Savona) from 2010.

Select List of Publications

[1] O.CALIGARIS - F.FERRO - P.OLIVA Sull'esistenza del minimo per problemi di calcolo delle variazioni relativi ad archi di variazione limitata. Boll. Un. Mat. Ital. 14-B (1977) 340-369.

[2] O.CALIGARIS - P.OLIVA Un teorema di esistenza per problemi di Lagrange in spazi di Banach. Atti Accad. Naz. Lincei Cl. Sci. Fis. Mat. Natur. 61 (1976) 571-579.



UNIVERSITÀ DEGLI STUDI DI GENOVA
SCUOLA POLITECNICA
Corsi di Studio in Ingegneria Industriale e Gestionale

[3] O.CALIGARIS - P.OLIVA An Existence Theorem for Lagrange problems in Banach spaces. J. Optimization Theory Appl. 25 (1978) 83-91.

[4] O.CALIGARIS - P.OLIVA Non convex control problems in Banach spaces. Appl. Math. Optim. 5 (1979) 315-329.

[5] O.CALIGARIS - P.OLIVA Necessary and sufficient conditions for Pareto problems. Boll. Un. Mat. Ital. 18-B (1981) 177-216.

UNIVERSITÀ DEGLI STUDI DI GENOVA
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Corsi di Studio in Ingegneria Industriale

[6] O.CALIGARIS - P.OLIVA Constrained optimization of infinite dimensional vector valued functions with applications to infinite horizon integrals. Numer. Funct. Anal. and Optimiz. 8 (1985/86) 485-486.

[7] O.CALIGARIS - P.OLIVA Some remarks on existence theorems for Pareto problems. An. st. Univ. Al. I. Cuza Iasi Matematica 35 (1989) 203-212.

[8] O.CALIGARIS - P.OLIVA An Existence theorem by means of regularization Numer. Funct. Anal. and Optimiz. 12 (1991) 455-467

[9] O.CALIGARIS - P.OLIVA A general statement of necessary and sufficient conditions for integral functionals. Numer. Funct. Anal. and Optimiz. 14 (1993) 249-263

[10] O.CALIGARIS - P.OLIVA Subdifferential of functionals in abstract spaces and necessary conditions in calculus of variations. Numer. Funct. Anal. and Optimiz. 10 (1997) 885-899
