

A Few Words about Professor Franco Giannessi

Professor Giannessi was born July 29, 1935 in Pisa, Italy and is a full Professor of Theory and Methods of Optimization since 1968 in the Department of Mathematics at the University of Pisa, Italy.

Professor Giannessi is a member of several Committees for the University, of the Italian National Research Council, and a member of the Editorial Board of several International Journals. He has delivered, under invitation, many lectures at Universities, Research Institutes and International Meetings in several countries.

He is the Director of the International School of Mathematics 'G. Stampacchia' of 'E. Majorana' Centre (Erice, Sicily).

His research achievements include:

Discovery of Bad Convex Functions. This has opened a new research field in connection with the methods for solving equations;

Discovery of the envelope of a VI. This has opened several research fields, including Duality and Potential Theory;

Introduction of the Image Space Analysis in constrained extremum problems;

Contribution to the study of elastic-plastic behaviour of complex structures;

Introduction of Vector Variational Inequalities as a new mathematical model for equilibria;

Establishment of an equivalence between a discrete minimization problem and a continuous one, which demolished a historical wall between the two mathematical fields; and

Contribution to the introduction of a new approach in Calculus of Variations, so as to avoid to handle the differential equations before establishing a necessary condition.

He has been the author of 116 papers and Editor or Author of 20 books.

X.Q. Yang