1. Record Nr. UNINA9910708069603321

Autore	Hinton David A.
Titolo	A candidate wake vortex strength definition for application to the NASA Aircraft Vortex Spacing System (AVOSS) / / David A. Hinton, Chris A. Tatnall
Pubbl/distr/stampa	Hampton, Virginia : , : National Aeronautics and Space Administration, Langley Research Center, , September 1997
Descrizione fisica	1 online resource (32 pages) : illustrations
Collana	NASA technical memorandum ; ; 110343
Soggetti	Vortices Wakes Air traffic control Spacing Aircraft Real time operation Aircraft wakes Safety
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"September 1997." "Performing organization: NASA Langley Research Center" Report documentation page.
Nota di bibliografia	Includes bibliographical references (pages 16-17).

2. Record Nr. UNINA9910438145003321

Autore	Krantz Steven G
Titolo	The implicit function theorem : history, theory, and applications / / Steven G. Krantz, Harold R. Parks
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-283-90886-7 1-4614-5981-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (172 p.)
Collana	Modern Birkhauser classics
Disciplina	515.8
Soggetti	Implicit functions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Reprint of the 2003 edition."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- Introduction to the Implicit Function Theorem -- History -- Basic Ideas -- Applications -- Variations and Generalizations -- Advanced Implicit Function Theorems -- Glossary -- Bibliography -- Index.
Sommario/riassunto	The implicit function theorem is part of the bedrock of mathematical analysis and geometry. Finding its genesis in eighteenth century studies of real analytic functions and mechanics, the implicit and inverse function theorems have now blossomed into powerful tools in the theories of partial differential equations, differential geometry, and geometric analysis. There are many different forms of the implicit function theorem, including (i) the classical formulation for Ck functions, (ii) formulations in other function spaces, (iii) formulations for non-smooth functions, and (iv) formulations for functions with degenerate Jacobian. Particularly powerful implicit function theorems, such as the Nash–Moser theorem, have been developed for specific applications (e.g., the imbedding of Riemannian manifolds). All of these topics, and many more, are treated in the present uncorrected reprint of this classic monograph. Originally published in 2002, The Implicit Function Theorem is an accessible and thorough treatment of implicit and inverse function theorems and their applications. It will be of interest to mathematicians, graduate/advanced undergraduate students, and to those who apply mathematics. The book unifies disparate ideas that have played an

important role in modern mathematics. It serves to document and place in context a substantial body of mathematical ideas.