

1. Record Nr.	UNISA996490347303316
Autore	Brewer William D (William Dean)
Titolo	Kurt Gödel [[electronic resource] ] : The Genius of Metamathematics // by William D. Brewer
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031113093 9783031113086
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (500 pages)
Collana	Springer Biographies, , 2365-0621
Disciplina	511.30924
Soggetti	Mathematics History Mathematical logic Physicists - Biography Astronomers - Biography Science - History Philosophy - History History of Mathematical Sciences Mathematical Logic and Foundations Biographies of Physicists and Astronomers History of Science History of Philosophy Matemàtics Biografies Llibres electrònics Àustria
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- Prologue -- La Belle Époque in Brünn. Beginnings -- School Days. A New Nation -- Moving to the Capital. Student Life in 1920's Vienna -- The Wiener Kreis and the Mathematical Colloquium. Graduate work -- Private Life in Vienna -- Gödel's Doctoral Thesis. The Incompleteness Theorems -- The Mathematician in Vienna. Habilitation

-- Matters of Health -- A Sojourn Abroad: 1933/34 – Princeton -- Back to Vienna. The First Breakdown -- ‘Commuting’ between Vienna and Princeton – The Late 1930’s. Marriage -- The Continuum Hypothesis -- Professional Uncertainty. A Long Journey Eastwards -- Princeton and the IAS – Philosophy, Einstein and von Neumann. A Bizarre Birthday Present: Gödel’s Universe -- Reception, Recognition, Honors. Einstein’s Loss. The Professor at Princeton -- The 1960’s: Fame and Seclusion -- Later Years. Philosophy, Cosmology, Logic, Computability -- Gödel’s Legacy – The Lessons of an Unusual Life -- Epilogue. .

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## Sommario/riassunto

During his lifetime, Kurt Gödel was not well known outside the professional world of mathematicians, philosophers and theoretical physicists. Early in his career, for his doctoral thesis and then for his Habilitation (Dr.Sci.), he wrote earthshaking articles on the completeness and provability of mathematical-logical systems, upsetting the hypotheses of the most famous mathematicians/philosophers of the time. He later delved into theoretical physics, finding a unique solution to Einstein’s equations for gravity, the ‘Gödel Universe’, and made contributions to philosophy, the guiding theme of his life. This book includes more details about the context of Gödel’s life than are found in earlier biographies, while avoiding an elaborate treatment of his mathematical/scientific/philosophical works, which have been described in great detail in other books. In this way, it makes him and his times more accessible to general readers, and will allow them to appreciate the lasting effects of Gödel’s contributions (the latter in a more up-to-date context than in previous biographies, many of which were written 15–25 years ago). His work spans or is relevant to a wide spectrum of intellectual endeavor, and this is emphasized in the book, with recent examples. This biography also examines possible sources of his unusual personality, which combined mathematical genius with an almost childlike naiveté concerning everyday life, and striking scientific innovations with timidity and hesitancy in practical matters. How he nevertheless had a long and successful career, inspiring many younger scholars along the way, with the help of his loyal wife Adele and some of his friends, is a fascinating story in human nature.

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2. Record Nr.	UNINA9910829044703321
Titolo	Modelling the impact of climate change on water resources // edited by Fai Fung, Ana Lopez, Mark New
Pubbl/distr/stampa	Chichester, West Sussex, UK ; ; Hoboken, NJ, : Wiley, 2010
ISBN	9786612817731 9781444348170 1444348175 9781282817739 1282817736 9781444324921 1444324926 9781444324938 1444324934
Edizione	[1st ed.]
Descrizione fisica	1 online resource (216 p.)
Altri autori (Persone)	FungFai LopezAna NewMark
Disciplina	553.7
Soggetti	Water-supply - Forecasting Climatic changes - Forecasting Climatic changes - Environmental aspects - Simulation methods Watershed management Droughts - Risk assessment Long-range weather forecasting
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Modelling the Impact of Climate Change on Water Resources; Contents; Contributors; Preface; 1 Introduction; 2 Weather and Climate; 3 Regional Climate Downscaling; 4 Water for People: Climate Change and Water Availability; 5 Emerging Approaches to Climate Risk Management; 6 The Case Studies; 6.1 Introduction; 6.2 Case 1: Climate Change Impacts on Water Resources in the Quarai River Basin; 6.3 Case

2: Impact of Climate Change on Hydropower: Ariege, France; 6.4 Case  
3: A Case Study of Water Resource Management in the South West of  
England; Index; Colour Plates

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Sommario/riassunto

The quantitative assessment of the impact of climate change on water availability and water resources management requires knowledge of climate, hydro(geo)logical and water resources models, and particularly the relationships between each of them. This book brings together world experts on each of these aspects, distilling each complex topic into concise and easy to understand chapters, in which both the uses and limitations of modelling are explored. The book concludes with a set of case studies using real-life examples to illustrate the steps required and the problems that can be faced in ass

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