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Autore	Young David <1942 February 25->
Titolo	Nerve cells and animal behaviour / / Peter Simmons and David Young [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 1999
ISBN	1-280-41884-2 0-511-15251-5 0-511-32755-2 0-521-62216-6 9786610418848 1-139-16426-0 0-511-05049-6 0-511-17344-X
Edizione	[Second edition.]
Descrizione fisica	1 online resource (x, 266 pages) : digital, PDF file(s)
Disciplina	573.8/6
Soggetti	Neurobiology Neurons Animal behavior Neurophysiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; 1 Introduction; 2 Nerve cells; 3 Giant neurons and escape behaviour; 4 Capturing sensory information; 5 Stimulus filtering: vision and motion detection; 6 Hearing and hunting: sensory maps; 7 Programs for movement; 8 Circuits of nerve cells and behaviour; 9 Nerve cells and changes in behaviour; References; Index
Sommario/riassunto	This new edition of Nerve Cells and Animal Behaviour has been updated and expanded by Peter Simmons and David Young in order to take into account more recent advances while still maintaining the accessibility of the book to university students. The book introduces the reader to the way in which nervous systems of animals control behaviour without assuming any prior knowledge of neurophysiology. Using a carefully selected series of behaviour patterns students are taken from an

elementary-level introduction to a point where sufficient detail has been assimilated to allow a satisfying insight into current research on how nervous systems control and generate behaviour. Only examples where it has been possible to establish a clear link between the activity of particular nerve cells and a pattern of behaviour have been used. This book is essential reading for students of zoology, psychology and physiology and serves as a clear introduction to neuroethology.

2. Record Nr.	UNINA9910647385803321
Autore	Furinghetti Fulvia
Titolo	The International Commission on Mathematical Instruction, 1908-2008: People, Events, and Challenges in Mathematics Education / / edited by Fulvia Furinghetti, Livia Giacardi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031043130 3031043138
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (754 pages)
Collana	International Studies in the History of Mathematics and its Teaching, , 2524-8030
Disciplina	510.71
Soggetti	Mathematics - Study and teaching Mathematics History Education - History Social history Mathematics Education History of Mathematical Sciences History of Education Social History Ensenyament de la matemàtica Història de la matemàtica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Preface -- Introduction: An outline of the history of ICMI, including the table of the ICMI officers -- Chapter 1: Foundation of ICMI and early period up to WW1 -- Historical context -- Portraits -- Chapter 2: ICMI between the two World Wars: crisis and dissolution in 1920-21 and ephemeral rebirth in Bologna 1928 -- Historical context -- Portraits -- Chapter 3: The rebirth in 1952 as a permanent sub-commission of the IMU -- Historical context -- Portraits -- Chapter 4: The Renaissance in the late 1960s and consolidation -- Historical context -- Portraits -- Chapter 5: Gaining autonomy from IMU and new trends in ICMI action -- Historical context -- Portraits -- Chapter 6: Eminent Figures in the first century of ICMI -- Portraits -- Beke Emanuel -- Bioche Charles -- Boulad Bey Farid Youssef -- Dickstein Samuel -- Enriques Federigo -- Laisant Charles-Anges -- Loria Gino -- Petrovi Mihailo -- Wirtinger Wilhelm -- Epilogue -- Appendices.

Sommario/riassunto

The purpose of this volume is to understand and outline the evolution of the objectives and field of action of the International Commission on Mathematical Instruction (ICMI) from its creation in 1908 in Rome until 2008, through an analysis of the main events and protagonists of its history. It consists of three parts, each exploring different facets of these hundred years of ICMI's life. In Part I, four chapters retrace the three main phases in the century of ICMI's life: The foundation and early period up to WWI (Chapter 1); The rebirth in 1952 as a permanent subcommission of the International Mathematical Union and the broadening of the scope of action until Freudenthal's innovations (Chapter 2); The "Renaissance" in the late 1960s and further development up to 2008 (Chapter 3). Chapter 4 presents a wide selection of unpublished letters and documents belonging to the period 1908-1974, coming from different archives, especially from the IMU Archives in Berlin. Part II presents useful data about the life of ICMI: The Timeline of ICMI, 1908-2008; The Central and Executive Committees of the Commission (1908 -2009); The Terms of Reference for ICMI (1954-2007); Mathematics Education in the International Congresses of Mathematicians (1897-2006); Maps on the process of internationalization of ICMI; Data concerning the first ICME (Lyon 1969). Part III contains biographical portraits of the 54 members of the Central/Executive Committee of ICMI who passed away in the first hundred years of the Commission, and also includes the portraits of scholars awarded the title of Honorary Member of the Commission during the International Congress of Mathematicians in Oslo (1936), and of Charles-Angé Laisant, one of the founders of the journal *L'Enseignement Mathématique*, the official organ of ICMI. The portraits in Part III of the volume are designed according to a particular point of view because they focus on the actual involvement of these scholars in ICMI's development and, more generally, in mathematics education.
