

1. Record Nr.	UNINA9910789997703321
Titolo	Vitamins in the prevention of human diseases [[electronic resource] /] / edited by Wolfgang Herrmann, Rima Obeid
Pubbl/distr/stampa	Berlin, : Walter de Gruyter, c2011
ISBN	1-283-16473-6 9786613164735 3-11-021449-0
Descrizione fisica	1 online resource (744 p.)
Altri autori (Persone)	HerrmannWolfgang, Prof ObeidRima
Disciplina	612.3/99
Soggetti	Vitamins Vitamin therapy
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	History of the vitamins -- Vitamin A : retinol -- Vitamin B1 : thiamine -- Vitamin B2 : riboflavin -- Vitamin B6 : pyridoxine -- Vitamin B9 : folate -- Vitamin B12 : cobalamin -- Vitamin C : ascorbic acid -- Vitamin D : cholecalciferol -- Vitamin E : alpha tocopherol -- Vitamin K -- Betaine -- Choline -- Omega 3 polyunsaturated fatty acids (fish oil).
Sommario/riassunto	This book provides up-to-date knowledge on the role of water and fat soluble vitamins in the prevention of human diseases. The vitamins are essential food constituents with magnificent biological effects therefore, linking our biology to our lifestyle and environment. One- sided nutrition, smoking, alcohol, genetic factors, and even geographical origin interfere with our dietary intake of the vitamins. Therefore, it is not wondering that insufficient vitamin intake can impact our health and contribute significantly to the development of numerous diseases. The book offers expert reviews and judgements on the role of vitamins in our health and the link between vitamins deficiency and disease conditions at different life stages. Having knowledge about the association of vitamins and disease, as well as keeping track on the patients vitamin status has become increasingly important to physicians, clinical chemists, epidemiologists, specialists

in nutrition, health professionals, researchers, and students who are interested in this area. Recent development in laboratory methods has helped making many issues in this field quantitative.

2. Record Nr.	UNINA9910254309103321
Autore	Caminha Muniz Neto Antonio
Titolo	An Excursion through Elementary Mathematics, Volume I : Real Numbers and Functions // by Antonio Caminha Muniz Neto
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-53871-3
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIII, 652 p. 73 illus.)
Collana	Problem Books in Mathematics, , 0941-3502
Disciplina	512.786
Soggetti	Functions of real variables Algebra Matrix theory Real Functions General Algebraic Systems Linear and Multilinear Algebras, Matrix Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 The Set of Real Numbers -- Chapter 2 Algebraic Identities, Equations and Systems -- Chapter 3 Elementary Sequences -- Chapter 4 Induction and the Binomial Formula -- Chapter 5 Elementary Inequalities -- Chapter 6 The Concept of Function -- Chapter 7 More on Real Numbers -- Chapter 8 Continuous Functions -- Chapter 9 Limits and Derivatives -- Chapter 10 Riemann's Integral -- Chapter 11 Series of Functions -- Bibliography -- Appendix A Glossary -- Appendix B Hints and Solutions.
Sommario/riassunto	This book provides a comprehensive, in-depth overview of elementary mathematics as explored in Mathematical Olympiads around the world. It expands on topics usually encountered in high school and could even be used as preparation for a first-semester undergraduate course. This

first volume covers Real Numbers, Functions, Real Analysis, Systems of Equations, Limits and Derivatives, and much more. As part of a collection, the book differs from other publications in this field by not being a mere selection of questions or a set of tips and tricks that applies to specific problems. It starts from the most basic theoretical principles, without being either too general or too axiomatic. Examples and problems are discussed only if they are helpful as applications of the theory. Propositions are proved in detail and subsequently applied to Olympic problems or to other problems at the Olympic level. The book also explores some of the hardest problems presented at National and International Mathematics Olympiads, as well as many essential theorems related to the content. An extensive Appendix offering hints on or full solutions for all difficult problems rounds out the book.
