

1. Record Nr.	UNINA9910822441303321
Autore	Tadros Tharwat F.
Titolo	Handbook of colloid and interface science . Volume 3 Industrial applications : Pharmaceuticals, cosmetics and personal care // Tharwat F. Tadros
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter, , 2018 ©2018
ISBN	3-11-055490-9
Descrizione fisica	1 online resource (249 pages) : illustrations (some color), graphs
Collana	De Gruyter Reference
Disciplina	541.345
Soggetti	Colloids
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Frontmatter -- Preface / Tadros, Tharwat -- Contents -- Part I: Colloid and interface science in pharmacy -- 1. Disperse systems -- 2. Surface activity and colloidal properties of drugs -- 3. Solubilized systems, liposomes and vesicles in pharmacy -- 4. Solid lipid nanoparticles, polymer gels and capsules -- 5. Drug delivery and drug targeting -- Part II: Colloid and interface science in cosmetics and personal care -- 6. Surfactants used in cosmetic and personal care formulations, their properties and surfactant-polymer interaction -- 7. Cosmetic emulsions -- 8. Nanoemulsions in cosmetics -- 9. Multiple emulsions in cosmetics -- 10. Shampoos, gels and hair conditioners -- 11. Sunscreens for UV protection -- 12. Colour cosmetics -- Index
Sommario/riassunto	Volume 3 of the Handbook of Colloid and Interface Science is a survey into the applications of colloids in a variety of fields, based on theories presented in Volumes 1 and 2. The Handbook provides a complete understanding of how colloids and interfaces can be applied in materials science, chemical engineering, and colloidal science. It is ideally suited as reference work for research scientists, universities, and industries.

2. Record Nr.	UNINA9910299994803321
Autore	Jarvis Frazer
Titolo	Algebraic Number Theory // by Frazer Jarvis
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-07545-4
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (298 p.)
Collana	Springer Undergraduate Mathematics Series, , 1615-2085
Disciplina	512.74
Soggetti	Number theory Algebra Field theory (Physics) Number Theory Field Theory and Polynomials
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	Unique factorisation in the natural numbers -- Number fields -- Fields, discriminants and integral bases -- Ideals -- Prime ideals and unique factorisation -- Imaginary quadratic fields -- Lattices and geometrical methods -- Other fields of small degree -- Cyclotomic fields and the Fermat equation -- Analytic methods -- The number field sieve.
Sommario/riassunto	The technical difficulties of algebraic number theory often make this subject appear difficult to beginners. This undergraduate textbook provides a welcome solution to these problems as it provides an approachable and thorough introduction to the topic. Algebraic Number Theory takes the reader from unique factorisation in the integers through to the modern-day number field sieve. The first few chapters consider the importance of arithmetic in fields larger than the rational numbers. Whilst some results generalise well, the unique factorisation of the integers in these more general number fields often fail. Algebraic number theory aims to overcome this problem. Most examples are taken from quadratic fields, for which calculations are easy to perform. The middle section considers more general theory and results for number fields, and the book concludes with some topics which are more likely to be suitable for advanced students, namely, the

analytic class number formula and the number field sieve. This is the first time that the number field sieve has been considered in a textbook at this level.
