1. Record Nr. UNINA9910482761203321

Autore	Hemmingsen Niels <1513-1600.>
Titolo	Commentariorvm in sacrosanctvm Domini Nostri Iesv Christi Euangelium secundum Iohannem, decas prior ... Pars altera ..., Avtore Nicolao Hemmingio [[electronic resource]]
Pubbl/distr/stampa	Basel, : [s.n.], 1590
Descrizione fisica	Online resource (184, 120 bl.)
Lingua di pubblicazione	Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in Det Kongelige Bibliotek / The Royal Library (Copenhagen).

2. Record Nr. UNISA996392628103316

Autore	T. I
Titolo	True news from Reading: or, an exact relation of the Prince of Oranges victory over the Kings forces there, on the nineth of this instant December, 1688 [[electronic resource]] : In a letter to a friend
Pubbl/distr/stampa	London, : Printed for G.L., in the year 1688
Descrizione fisica	1 sheet ([1] p.)
Soggetti	Broadsides17th century.England Great Britain History Revolution of 1688 Sources Reading (England) History 17th century Sources
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Caption title. Signed: T.I. Reproduction of the original in the National Library of Scotland.

Sommario/riassunto	eebo-0097

3. Record Nr. UNINA9910816988403321

Autore	Tung Hsien-Hsin <1955->
Titolo	Crystallization of organic compounds : an industrial perspective / / Hsien-Hsin Tung ... [et al.]
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2009
ISBN	9786612368295 9781282368293 128236829X 9780470447796 0470447796 9780470447789 0470447788
Edizione	[1st ed.]
Descrizione fisica	1 online resource (304 p.)
Classificazione	VE 9500
Disciplina	615/.19
Soggetti	Crystallization - Industrial applications Pharmaceutical chemistry Pharmaceutical industry
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	Crystallization of Organic Compounds; Contents; Preface; 1. Introduction to Crystallization Issues; 1.1 Crystal Properties and Polymorphism (Chapters 2 and 3); 1.2 Nucleation and Growth Kinetics (Chapter 4); 1.3 Critical Issues (Chapter 5); 1.4 Mixing and Crystallization (Chapter 6); 1.5 Crystallization Process Options (Chapters 7-10); 1.6 Special Applications (Chapter 11); 1.7 Regulatory Issues; 2. Properties; 2.1 Solubility; 2.2 Supersaturation, Metastable Zone, and Induction Time; 2.3 Oil, Amorphous, and Crystalline States; 2.4 Polymorphism; 2.5 Solvate 2.6 Solid Compound, Solid Solution, and Solid Mixture2.7 Inclusion and Occlusion; 2.8 Adsorption, Hygroscopicity, and Deliquescence; 2.9 Crystal Morphology; 2.10 Particle Size Distribution and Surface Area; 3.

Polymorphism; 3.1 Phase Rule; 3.2 Phase Transition; 3.3 Examples; Example 3-1 Indomethacin; Example 3-2 Sulindac; Example 3-3 Losartan; Example 3-4 Finasteride; Example 3-5 Ibuprofen Lysinate; Example 3-6 HCl Salt of a Drug Candidate; Example 3-7 Second HCl Salt of a Drug Candidate; Example 3-8 Prednisolone t-Butylacetate; Example 3-9 Phthalylsulfathiazole; 3.4 Future Direction
4. Kinetics4.1 Supersaturation and Rate Processes; 4.2 Nucleation; 4.3 Crystal Growth; 4.4 Nucleate/Seed Aging and Ostwald Ripening; 4.5 Delivered Product: Size Distribution and Morphology; 5. Critical Issues in Crystallization Practice; 5.1 Introduction; 5.2 Nucleation; 5.3 Growth; 5.4 Oiling Out, Agglomeration/Aggregation; 5.5 Seeding; 5.6 Rate of Generation of Supersaturation; 5.7 Summary of Critical Issues; 6. Mixing and Crystallization; 6.1 Introduction; 6.2 Mixing Considerations; 6.3 Mixing Effects on Nucleation; 6.4 Mixing Effects on Crystal Growth; 6.5 Mixing Scale-up
6.6 Crystallization EquipmentExample 6-1; 7. Cooling Crystallization; 7.1 Batch Operation; 7.2 Continuous Operations; 7.3 Process Design-Examples; Example 7-1 Intermediate in a Multistep Synthesis; Example 7-2 Pure Crystallization of an API; Example 7-3 Crystallization Using the Heel from the Previous Batch as Seed; Example 7-4 Resolution of Ibuprofen Via Stereospecific Crystallization; Example 7-5 Crystallization of Pure Bulk with Polymorphism; Example 7-6 Continuous Separation of Stereoisomers; 8. Evaporative Crystallization; 8.1 Introduction; 8.2 Solubility Diagrams
8.3 Factors Affecting Nucleation and Growth8.4 Scale-up; 8.5 Equipment; Example 8-1 Crystallization of a Pharmaceutical Intermediate Salt; Example 8-2 Crystallization of the Sodium Salt of a Drug Candidate; 9. Antisolvent Crystallization; 9.1 Semibatch Operation; Example 9-1 Crystallization of an Intermediate; Example 9-2 Rejection of Isomeric Impurities of Final Bulk Active Product; Example 9-3 Crystallization of a Pharmaceutical Product with Poor Nucleation and Growth Characteristics; Example 9-4 Impact of Solvent and Supersaturation on Particle Size and Crystal Form
9.2 In-Line Mixing Crystallization

Sommario/riassunto

Filled with industrial examples emphasizing the practical applications of crystallization methodologies Based on the authors' hands-on experiences as process engineers at Merck, Crystallization of Organic Compounds guides readers through the practical aspects of crystallization. It uses plenty of case studies and examples of crystallization processes, ranging from development through manufacturing scale-up. The book not only emphasizes strategies that have been proven successful, it also helps readers avoid common pitfalls that can render standard procedures unsuccessful. The goal o

4. Record Nr. UNINA9910483834503321

Titolo	Computer Algebra in Scientific Computing : 15th International Workshop, CASC 2013, Berlin, Germany, September 9-13, 2013, Proceedings / / edited by Vladimir P. Gerdt, Wolfram Koepf, Ernst W. Mayr, Evgenii V. Vorozhtsov
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013
ISBN	9783319022970 3319022970
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XVI, 443 p. 58 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8136
Disciplina	005.1
Soggetti	Algorithms Computer science—Mathematics Discrete mathematics Computer graphics Numerical analysis Computer arithmetic and logic units Discrete Mathematics in Computer Science Symbolic and Algebraic Manipulation Computer Graphics Numerical Analysis Arithmetic and Logic Structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Polynomial algebra -- the solution of tropical linear systems and tropical polynomial systems -- the theory of matrices -- the use of computer algebra for the investigation of various mathematical and applied topics related to ordinary differential equations -- applications of symbolic computations for solving partial differential equations in mathematical physics -- problems arising at the application of computer algebra methods for finding infinitesimal symmetries -- applications of symbolic and symbolic-numeric algorithms in

mechanics and physics -- automatic differentiation -- the application of the CAS Mathematica for the simulation of quantum error correction in quantum computing -- the application of the CAS GAP for the enumeration of Schur rings over the group A5 -- constructive computation of zero separation bounds for arithmetic expressions -- the parallel implementation of fast Fourier transforms with the aid of the Spiral library generation system -- the use of object-oriented languages such as Java or Scala for implementation of categories as type classes -- a survey of industrial applications of approximate computer algebra.

Sommario/riassunto

This book constitutes the proceedings of the 14th International Workshop on Computer Algebra in Scientific Computing, CASC 2013, held in Berlin, Germany, in September 2013. The 33 full papers presented were carefully reviewed and selected for inclusion in this book. The papers address issues such as polynomial algebra; the solution of tropical linear systems and tropical polynomial systems; the theory of matrices; the use of computer algebra for the investigation of various mathematical and applied topics related to ordinary differential equations (ODEs); applications of symbolic computations for solving partial differential equations (PDEs) in mathematical physics; problems arising at the application of computer algebra methods for finding infinitesimal symmetries; applications of symbolic and symbolic-numeric algorithms in mechanics and physics; automatic differentiation; the application of the CAS Mathematica for the simulation of quantum error correction in quantum computing; the application of the CAS GAP for the enumeration of Schur rings over the group A5; constructive computation of zero separation bounds for arithmetic expressions; the parallel implementation of fast Fourier transforms with the aid of the Spiral library generation system; the use of object-oriented languages such as Java or Scala for implementation of categories as type classes; a survey of industrial applications of approximate computer algebra.