1. Record Nr. UNISALENTO991000768269707536

Autore	Dineen, Seán
Titolo	Complex analysis in locally convex spaces / Seán Dineen
Pubbl/distr/stampa	Amsterdam : North-Holland, c1981
ISBN	0444863192
Descrizione fisica	xiii, 492 p. ; 24 cm
Collana	North-Holland mathematics studies, 0304-0208 ; 57 Notas de matematica ; 83
Classificazione	AMS 46E50 AMS 46G20
Disciplina	515.73
Soggetti	Holomorphic functions Locally convex spaces
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliography: p. 433-479. Includes index

2. Record Nr. UNIORUON00014714

Autore	HUMBACH, Helmut
Titolo	Kusan und Hephthaliten / Helmuth Humbach
Pubbl/distr/stampa	Munchen, : In Komm. bei J. Kitzinger, 1961
Descrizione fisica	48 p. ; 21 cm
Classificazione	AFG II E
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9910811558203321

Autore	Cecen Ferhan
Titolo	Activated carbon for water and wastewater treatment : integration of adsorption and biological treatment / / Ferhan Cecen and Ozgur Aktas
Pubbl/distr/stampa	Weinheim, Germany, : Wiley-VCH, c2012
ISBN	9783527639458 3527639454 9781283869720 1283869721 9783527639465 3527639462 9783527639441 3527639446
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (418 p.)
Altri autori (Persone)	AktasOzgur
Disciplina	628.162
Soggetti	Water - Purification Sewage - Purification Carbon, Activated
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	Activated Carbon for Water and Wastewater Treatment: Integration of Adsorption and Biological Treatment; Preface; List of Abbreviations; Acknowledgement; 1: Water and Wastewater Treatment: Historical Perspective ofActivated Carbon Adsorption and its Integration with Biological Processes; 1.1 Historical Appraisal of Activated Carbon; 1.2 General Use of Activated Carbon; 1.3 Application of Activated Carbon in Environmental Pollution; 1.3.1 Activated Carbon in Drinking Water Treatment; 1.3.2 Activated Carbon in Wastewater Treatment; 1.3.2.1 Municipal Wastewater Treatment 1.3.2.2 Industrial Wastewater Treatment1.3.3 Applications of Activated Carbon in Other Environmental Media; 1.3.3.1 Remediation of Contaminated Groundwater and Soil; 1.3.3.2 Treatment of Flue Gases; 1.3.3.3 Water Preparation for Industrial Purposes; 1.3.4 Integration of Activated Carbon Adsorption withBiological Processes in Wastewater and Water Treatment; 1.3.4.1 Wastewater Treatment; 1.3.4.2 Water Treatment; 1.3.5 Improved Control of Pollutants through Integrated Adsorption and Biological Treatment; 2: Fundamentals of Adsorption onto Activated Carbon in Water and Wastewater Treatment 2.1 Activated Carbon2.1.1 Preparation of Activated Carbons; 2.1.2 Characteristics of Activated Carbon; 2.1.3 Activated Carbon Types; 2.1.3.1 Powdered Activated Carbon (PAC); 2.1.3.2 Granular Activated Carbon (GAC); 2.2 Adsorption; 2.2.1 Types of Adsorption; 2.2.2 Factors Influencing Adsorption; 2.2.2.1 Surface Area of Adsorbent; 2.2.2.2 Physical and Chemical Characteristics of the Adsorbate; 2.2.2.3 pH; 2.2.2.4 Temperature; 2.2.2.5 Porosity of the Adsorbent; 2.2.2.6 Chemical Surface Characteristics; 2.2.3 Kinetics of Adsorption; 2.2.3.1 Transport Mechanisms 2.2.4 Adsorption Equilibrium and Isotherms2.2.5 Single- and Multisolute Adsorption; 2.2.5.1 Single Solute Adsorption; 2.2.5.2 Multisolute Adsorption; 2.3 Activated Carbon Reactors in Water and Wastewater Treatment; 2.3.1 PAC Adsorbers; 2.3.2 GAC Adsorbers; 2.3.2.1 Purpose of Use; 2.3.2.2 Types of GAC Adsorbers; 2.3.2.3 Operation of GAC Adsorbers; 2.3.2.4 Breakthrough Curves; 2.4 Activated Carbon Regeneration and Reactivation; 3: Integration of Activated Carbon Adsorption and Biological Processes in Wastewater Treatment 3.1 Secondary and Tertiary Treatment: Progression fromSeparate Biological Removal and Adsorption to Integrated Systems3.1.1 Activated Carbon in Secondary Treatment; 3.1.1.1 PAC; 3.1.1.2 GAC; 3.1.2 Activated Carbon in Tertiary Treatment; 3.1.2.1 PAC; 3.1.2.2 GAC; 3.2 Fundamental Mechanisms in Integrated Adsorption and Biological Removal; 3.2.1 Main Removal Mechanisms for Organic Substrates; 3.2.1.1 Biodegradation/Biotransformation; 3.2.1.2 Sorption onto Sludge; 3.2.1.3 Sorption onto Activated Carbon; 3.2.1.4 Abiotic Degradation/Removal 3.2.2 Main Interactions between Organic Substrates, Biomass, and Activated Carbon
Sommario/riassunto	This monograph provides comprehensive coverage of technologies which integrate adsorption and biological processes in water and wastewater treatment. The authors provide both an introduction to the topic as well as a detailed discussion of theoretical and practical considerations.After a review of the basics involved in the chemistry, biology and technology of integrated adsorption and biological removal, they discuss the setup of pilot- and full-scale treatment facilities, covering powdered as well as granular activated carbon. They elucidate the factors that influence the successful