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Autore	BERLIN, Ira
Titolo	Generations of captivity : a history of African-American slaves / Ira Berlin
Pubbl/distr/stampa	Cambridge ; London, : Belknap Press of Harvard University Press, 2003
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Descrizione fisica	Testo elettronico (PDF) (374 p.) : ill.
Collana	ACLS Humanities E-Book
Disciplina	973.0496073
Soggetti	Schiavitù - Stati Uniti d'America - Storia
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Sommario/riassunto	Ira Berlin ripercorre la storia della schiavitù afroamericana negli Stati Uniti dai suoi inizi nel XVII secolo fino alla sua fine infuocata quasi trecento anni dopo. La maggior parte degli americani, bianchi e neri, ha una visione singolare della schiavitù, fissata a metà del XIX secolo, quando la maggior parte degli schiavi americani coltivava cotone, risiedeva nel profondo sud e si convertì al cristianesimo. Qui, invece, Berlin offre una visione dinamica, una reinterpretazione importante in cui gli schiavi e i loro proprietari rinegoziavano continuamente i termini della prigionia. La schiavitù è stata così creata e rifatta dalle generazioni successive di africani e afroamericani che hanno vissuto attraverso l'insediamento e l'adattamento, la vita nelle piantagioni, le trasformazioni economiche, la rivoluzione, la migrazione forzata, la guerra e, in definitiva, l'emancipazione. La comprensione da parte di Berlin dei processi che hanno trasformato continuamente la vita degli schiavi rende Generations of Captivity una lettura essenziale per chiunque sia interessato all'evoluzione dell'America anteguerra.

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ISBN	1-118-68255-6 1-118-67536-3
Descrizione fisica	1 online resource (492 p.)
Altri autori (Persone)	LazaridisMihalis BirmiliWolfram
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Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cover; Title Page; Copyright; Contents; List of Contributors; Preface; Chapter 1 Introduction; 1.1 Introduction; 1.2 Size and Shape; 1.3 Size Distribution; 1.4 Chemical Composition; 1.5 Measurements and Sampling; References; Chapter 2 Aerosol Dynamics; 2.1 Introduction; 2.2 General Dynamic Equation; 2.2.1 Discrete Particle Size Distribution; 2.2.2 Continuous Particle Size Distribution; 2.3 Nucleation: New Particle Formation; 2.3.1 Classical Nucleation Theory; 2.3.2 Multicomponent Nucleation; 2.3.3 Heterogeneous Nucleation; 2.3.4 Atmospheric Nucleation; 2.4 Growth by Condensation 2.5 Coagulation and Agglomeration2.5.1 Brownian Coagulation; 2.5.2 Agglomeration; 2.6 Deposition Mechanisms; 2.6.1 Stokes Law; 2.6.2 Gravitational Settling; 2.6.3 Deposition by Diffusion; 2.6.4 Deposition by Impaction; 2.6.5 Phoretic Effects; 2.6.6 Atmospheric Aerosol Deposition; 2.6.7 Deposition in the Human Respiratory Tract; 2.7 Resuspension; 2.7.1 Monolayer Resuspension; 2.7.2 Multilayer Resuspension; References; Chapter 3 Recommendations for Aerosol Sampling; 3.1 Introduction; 3.2 Guidelines for Standardized Aerosol Sampling; 3.2.1 General Recommendations

3.2.2 Standardization of Aerosol Inlets3.2.2.1 Size Cut-Offs; 3.2.2.2 Whole-Air Inlet for Extreme Ambient Conditions; 3.2.2.3 Tubing and Flow Splitters; 3.2.3 Humidity Control; 3.2.3.1 Ambient Dew-Point Temperature; 3.2.3.2 Drying Technology; 3.3 Concrete Sampling Configurations; 3.3.1 General Aspects of Particle Motion; 3.3.2 Laminar Flow Sampling Configuration; 3.3.2.1 Examples of Sampling Configurations with a Laminar Flow; 3.3.3 Turbulent Flow Sampling Configuration; 3.3.3.1 Example of a Sampling Configuration with a Turbulent Flow; 3.4 Artifact-Free Sampling for Organic Carbon Analysis AcknowledgementsReferences; Chapter 4 Aerosol Instrumentation; 4.1 Introduction; 4.2 General Strategy; 4.3 Aerosol Sampling Inlets and Transport; 4.4 Integral Moment Measurement; 4.4.1 Total Number Concentration Measurement: Condensation Particle Counter (CPC); 4.4.2 Total Mass Concentration Measurement: Quartz-Crystal Microbalance (QCM) and Tapered-Element Oscillating Microbalance (TEOM); 4.4.3 Light-Scattering Photometers and Nephelometers; 4.5 Particle Surface Area Measurement; 4.6 Size-Distribution Measurement; 4.6.1 Techniques based on Particle--Light Interaction
4.6.1.1 Optical Particle Counter (OPC)4.6.2 Techniques based on Particle Inertia; 4.6.2.1 Particle Relaxation-Size Analyzers; 4.6.2.2 Cascade Impactors; 4.6.3 Techniques based on Particle Electrical Mobility; 4.6.3.1 Electrical Aerosol Analyzers (EAAs); 4.6.3.2 Differential Mobility Analyzers (DMAs) and Fast-Mobility Particle Sizers; 4.6.3.3 Aerosol Particle Mass (APM) Analyzer and Couette Centrifugal Particle Mass Analyzer (Couette CPMA); 4.6.4 Techniques based on Particle Diffusion; 4.6.4.1 Diffusion Batteries; 4.7 Chemical Composition Measurement; 4.8 Conclusion; References
Chapter 5 Filtration Mechanisms

Sommario/riassunto

Aerosols influence many areas of our daily life. They are at the core ofenvironmental problems such as global warming, photochemical smog andpoor air quality. They can also have diverse effects on human health, whereexposure occurs in both outdoor and indoor environments. However, aerosols can have beneficial effects too; the delivery of drugs to thelungs, the delivery of fuels for combustion and the production of nanomaterialsall rely on aerosols. Advances in particle measurement technologies havemade it possible to take advantage of rapid changes