

1.	Record Nr.	UNINA990005021830403321
	Autore	Gautier, Théophile <1811-1872>
	Titolo	Pages choisies / Théophile Gautier ; avec une notice biographique une notice historique ... par C.-A. Fusil
	Pubbl/distr/stampa	Paris : Librairie Larousse, 1939
	Edizione	[5.e éd]
	Descrizione fisica	108 p. ; 17 cm
	Locazione	FLFBC
	Collocazione	YS-22-55
	Lingua di pubblicazione	Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910437608903321
	Titolo	Biology, controls and models of tree volatile organic compound emissions / / Ulo Niinemets, Russell K. Monson, editors
	Pubbl/distr/stampa	Dordrecht ; ; New York, : Springer, 2013
	ISBN	94-007-6606-8
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (xv, 547 pages) : illustrations (some color)
	Collana	Tree physiology ; ; 5
	Altri autori (Persone)	NiinemetsUlo
	Disciplina	634.95
	Soggetti	Trees - Physiology Volatile organic compounds
	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	Preface -- Chapter 1 Diversification of Volatile Isoprenoid Emissions from Trees: Evolutionary and Ecological Perspectives -- Chapter 2 BVOC Mediated Plant-Herbivore Interactions -- Chapter 3 The Biochemistry and Molecular Biology of Volatile Messengers in Trees --

Chapter 4 Genetic Engineering of BVOC Emissions from Trees -- Chapter 5 Molecular and Pathway Controls on Biogenic Volatile Organic Compound Emissions -- Chapter 6 Metabolic and Gene Expression Controls on the Production of Biogenic Volatile Organic Compounds -- Chapter 7 The Roles of Stomatal Conductance and Compound Volatility in Controlling the Emission of Volatile Organic Compounds from Leaves -- Chapter 8 The Role of Volatile Organic Compounds in Plant Resistance to Abiotic Stresses: Responses and Mechanisms -- Chapter 9 Flooding-driven emissions from trees -- Chapter 10 Modification of BVOC Emissions by Changes in Atmospheric [CO₂] and Air Pollution -- Chapter 11 Multitrophic Signalling in Polluted Atmospheres -- Chapter 12 Leaf-Level Models of Constitutive and Stress-Driven Volatile Organic Compound Emissions -- Chapter 13 Scaling BVOC Emissions from Leaf to Canopy and Landscape: How Different Are Predictions Based on Contrasting Emission Algorithms? -- Chapter 14 Upscaling Biogenic Volatile Compound Emissions from Leaves to Landscapes -- Chapter 15 Scaling Emissions from Agroforestry Plantations and Urban Habitats -- Chapter 16 Global Modeling of Volatile Organic Compound Emissions -- Chapter 17 Climate Feedbacks Linking the Increasing Atmospheric CO₂ Concentration, BVOC Emissions, Aerosols and Clouds in Forest Ecosystems -- Chapter 18 State-of-the-art of BVOC research: what do we have and what have we missed? A Synthesis.

Sommario/riassunto

The book deals with a highly relevant interdisciplinary topic: tree-atmosphere interactions. Plant-driven volatile organic compound (BVOC) emissions play a major role in atmospheric chemistry, including ozone and photochemical smog formation in the troposphere, and they extend the atmospheric lifetime of the key greenhouse gas, methane. Furthermore, condensation of photo-oxidation products of BVOCs leads to formation of secondary organic aerosols with profound implications for the earth's solar radiation budget and climate. Trees represent the plant life form that most contributes to BVOC emissions, which gives global forests a unique role in regulating atmospheric chemistry. This book, written by leading experts in the field, focuses on recent advancements in understanding the controls on plant-driven BVOC emissions, including efforts to quantitatively predict emissions using computer models. Particular emphasis is on elicitation of emissions under biotic and abiotic stresses, molecular mechanisms of volatile synthesis and emission and the role of emissions in plant stress tolerance. Potentials and limitations of genetic engineering of volatile emissions are also covered. This book addresses all biological scales of organization from molecules to globe and makes a major leap in summarizing and synthesizing the existing information. The main goal of the book is to provide state-of-the-art summary of the exciting field of tree volatile emissions and offer a perspective for future investigations. The book is intended to serve as an invaluable resource for graduate students starting a thesis project on tree volatile emissions as well as serves as a contemporary source of reference for teachers, scientists and professional within and outside the exciting field of plant-driven volatile emissions.

3. Record Nr.	UNINA9911018921203321
Autore	Press S. James
Titolo	Subjective and objective Bayesian statistics : principles, models, and applications // S. James Press ; with contributions by Siddhartha Chib ... [et al.]
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2003
ISBN	9786612307669 9781282307667 1282307665 9780470317105 0470317108 9780470317945 0470317949
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (591 p.)
Collana	Wiley series in probability and statistics
Disciplina	519.5/42
Soggetti	Bayesian statistical decision theory
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	Subjective and Objective Bayesian Statistics Principles, Models, and Applications; CONTENTS; Preface; Preface to the First Edition; A Bayesian Hall of Fame; PART I. FOUNDATIONS AND PRINCIPLES; 1. Background; 1.1 Rationale for Bayesian Inference and Preliminary Views of Bayes' Theorem; 1.2 Example: Observing a Desired Experimental Effect; 1.3 Thomas Bayes; 1.4 Brief Descriptions of the Chapters; summary; Exercises; Further Reading; 2. A Bayesian Perspective on Probability; 2.1 Introduction; 2.2 Types of Probability; 2.2.1 Axiom Systems; 2.2.2 Frequency and Long-Run Probability; 2.2.3 Logical Probability; 2.2.4 Kolmogorov Axiom System of Frequency Probability; 2.2.5 Savage System of Axioms of Subjective Probability; 2.2.6 Renyi Axiom System of Probability; 2.3 Coherence; 2.3.1 Example of Incoherence; 2.4 Operationalizing Subjective Probability Beliefs; 2.4.1 Example of Subjective Probability Definition and Operationalization; 2.5 Calibration of Probability Assessors; 2.6 Comparing Probability Definitions; Summary; Complement to Chapter 2

The Axiomatic Foundation of Decision making of L. J. Savage; Utility Functions; Exercises; Further Reading

3. The Likelihood Function 3.1 Introduction; 3.2 Likelihood Function; 3.3 Likelihood Principle; 3.4 Likelihood Principle and Conditioning; 3.5 Likelihood and Bayesian Inference; 3.6 Development of the Likelihood Function Using Histograms and Other Graphical Methods; summary; Exercises; Further Reading; 4. Bayes' Theorem; 4.1 Introduction; 4.2 General Form of Bayes' Theorem for Events; 4.2.1 Bayes' Theorem for Complementary Events; 4.2.2 Prior Probabilities; 4.2.3 Posterior Probabilities; 4.2.4 Odds Ratios; Example 4.1 Bayes' Theorem for Events: DNA Fingerprinting

4.3 Bayes' Theorem for Discrete Data and Discrete Parameter 4.3.1 Interpretation of Bayes' Theorem for Discrete Data and Discrete Parameter; Example 4.2 Quality Control in Manufacturing: Discrete Data and Discrete Parameter (Inference About a Proportion); 4.3.2 Bayes' Theorem for Discrete Data and Discrete Models; 4.4 Bayes' Theorem for Continuous Data and Discrete Parameter; 4.4.1 Interpretation of Bayes' Theorem for Continuous Data and Discrete Parameter

Example 4.3 Inferring the Section of a Class from which Student was Selected: Continuous Data and Discrete Parameter (Choosing from a Discrete Set of Models) 4.5 Bayes' Theorem for Discrete Data and Continuous Parameter; Example 4.4 Quality Control in Manufacturing: Discrete Data and Continuous Parameter; 4.6 Bayes' Theorem for Continuous Data and Continuous Parameter; Example 4.5 Normal Data: Unknown Mean, Known Variance; Example 4.6 Normal Data: Unknown Mean, Unknown Variance; Summary; Exercises; Further Reading; Complement to Chapter 4: Heights of the Standard Normal Density

5. Prior Distributions

Sommario/riassunto

Shorter, more concise chapters provide flexible coverage of the subject. Expanded coverage includes: uncertainty and randomness, prior distributions, predictivism, estimation, analysis of variance, and classification and imaging. Includes topics not covered in other books, such as the de Finetti Transform. Author S. James Press is the modern guru of Bayesian statistics.
