

1. Record Nr.	UNINA9910511494503321
Autore	Vernon Robinson, III
Titolo	Coming home : how Black Americans will re-elect Trump / / Robinson Vernon III, Eberle Bruce
Pubbl/distr/stampa	West Palm Beach, Florida : , : Humanix Books, , [2020] ©2020
ISBN	1-63006-143-3
Descrizione fisica	1 online resource (160 pages)
Disciplina	305.896073
Soggetti	Racism - United States Political science Race relations African Americans - Social conditions Electronic books. United States Race relations United States Politics and government 2017-
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Donald Trump's party -- Conservative failure -- Again in 2020? -- A liberal nightmare -- Twenty-First-Century democrats -- Lyndon Johnson -- Barry Goldwater -- Civil Rights pioneers -- Taking action -- Malicious false narrative -- Abandonment -- Left-to-right Odyssey -- Disillusioned -- Going on offense -- Coming home -- Organizing for victory.

2. Record Nr.	UNINA9910139536703321
Autore	Ross Timothy J
Titolo	Fuzzy logic with engineering applications / Timothy J. Ross
Pubbl/distr/stampa	Chichester, West Sussex, : John Wiley, 2010
ISBN	1-119-99437-3 9781119994374
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (609 p.)
Disciplina	006.32 620.001511313
Soggetti	Matemáticas - Ingeniería Fuzzy logic Libros electrónicos.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Incluye bibliografía e índice
Nota di contenuto	Fuzzy Logic with Engineering Applications; Contents; About the Author; Preface to the Third Edition; 1 Introduction; The Case for Imprecision; A Historical Perspective; The Utility of Fuzzy Systems; Limitations of Fuzzy Systems; The Illusion: Ignoring Uncertainty and Accuracy; Uncertainty and Information; The Unknown; Fuzzy Sets and Membership; Chance Versus Fuzziness; Sets as Points in Hypercubes; Summary; References; Problems; 2 Classical Sets and Fuzzy Sets; Classical Sets; Operations on Classical Sets; Properties of Classical (Crisp) Sets; Mapping of Classical Sets to Functions Fuzzy SetsFuzzy Set Operations; Properties of Fuzzy Sets; Alternative Fuzzy Set Operations; Summary; References; Problems; 3 Classical Relations and Fuzzy Relations; Cartesian Product; Crisp Relations; Cardinality of Crisp Relations; Operations on Crisp Relations; Properties of Crisp Relations; Composition; Fuzzy Relations; Cardinality of Fuzzy Relations; Operations on Fuzzy Relations; Properties of Fuzzy Relations; Fuzzy Cartesian Product and Composition; Tolerance and Equivalence Relations; Crisp Equivalence Relation; Crisp Tolerance Relation; Fuzzy Tolerance and Equivalence Relations Value AssignmentsCosine Amplitude; Max-Min Method; Other Similarity Methods; Other Forms of the Composition Operation; Summary;

References; Problems; 4 Properties of Membership Functions, Fuzzification, and Defuzzification; Features of the Membership Function; Various Forms; Fuzzification; Defuzzification to Crisp Sets; - Cuts for Fuzzy Relations; Defuzzification to Scalars; Summary; References; Problems; 5 Logic and Fuzzy Systems; Part I Logic; Classical Logic; Proof; Fuzzy Logic; Approximate Reasoning; Other Forms of the Implication Operation; Part II Fuzzy Systems; Natural Language Linguistic Hedges Fuzzy (Rule-Based) Systems; Graphical Techniques of Inference; Summary; References; Problems; 6 Development of Membership Functions; Membership Value Assignments; Intuition; Inference; Rank Ordering; Neural Networks; Genetic Algorithms; Inductive Reasoning; Summary; References; Problems; 7 Automated Methods for Fuzzy Systems; Definitions; Batch Least Squares Algorithm; Recursive Least Squares Algorithm; Gradient Method; Clustering Method; Learning From Examples; Modified Learning From Examples; Summary; References; Problems; 8 Fuzzy Systems Simulation Fuzzy Relational Equations Nonlinear Simulation Using Fuzzy Systems; Fuzzy Associative Memories (FAMS); Summary; References; Problems; 9 Decision Making with Fuzzy Information; Fuzzy Synthetic Evaluation; Fuzzy Ordering; Nontransitive Ranking; Preference and Consensus; Multiobjective Decision Making; Fuzzy Bayesian Decision Method; Decision Making Under Fuzzy States and Fuzzy Actions; Summary; References; Problems; 10 Fuzzy Classification; Classification by Equivalence Relations; Crisp Relations; Fuzzy Relations; Cluster Analysis; Cluster Validity; c-Means Clustering; Hard c-Means (HCM)

Sommario/riassunto

The first edition of Fuzzy Logic with Engineering Applications (1995) was the first classroom text for undergraduates in the field. Now updated for the second time, this new edition features the latest advances in the field including material on expansion of the MLFE method using genetic algorithms, cognitive mapping, fuzzy agent-based models and total uncertainty. Redundant or obsolete topics have been removed, resulting in a more concise yet inclusive text that will ensure the book retains its broad appeal at the forefront of the literature. Fuzzy Logic with Engineering Appli

3.	Record Nr.	UNINA9910586659303321
	Titolo	Healthcare Access // edited by Amit Agrawal, Srinivas Kosgi
	Pubbl/distr/stampa	London : , : IntechOpen, , 2022 ©2022
	ISBN	1-83969-567-6
	Descrizione fisica	1 online resource (354 pages) : illustrations
	Disciplina	150
	Soggetti	Psychology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
4.	Record Nr.	UNISA996208056503316
	Autore	Guest Gareth, Dr.
	Titolo	Electron cyclotron heating of plasmas [[electronic resource] /] / Gareth Guest
	Pubbl/distr/stampa	Weinheim, : VCH, c2009
	ISBN	1-282-37987-9 9786612379871 3-527-62788-X 3-527-62789-8
	Descrizione fisica	1 online resource (265 p.)
	Disciplina	530.44 621.484
	Soggetti	Electron cyclotron resonance sources Electron cyclotron resonance sources - Industrial applications Plasma heating Plasma heating - Industrial applications
	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	Electron Cyclotron Heating of Plasmas; Contents; 1 Introduction; References; 2 Magnetic Fields; 2.1 Magnetic Mirrors: Field Calculations Using the Vector Potential; 2.2 Orthogonal Curvilinear Coordinates and Clebsch Representations; 2.3 Magnetic Mirrors: Field Calculations Using the Scalar Potential; 2.4 The Dipole Limit: Planetary Magnetic Fields; 2.5 Tokamaks: Rotational Transform and the "Safety Factor"; References; 3 Electron Orbits; 3.1 Electron Gyromotion; 3.2 Electron Bounce Motion; 3.3 Electron Drift Motions; 3.4 Relativistic Electron Kinematics for ECH; 3.5 The Hamiltonian Approach 3.6 Drift Orbits in Toroidal Magnetic ConfigurationsReferences; 4 Wave Propagation and Cyclotron Damping in Magnetized Plasmas; 4.1 The Cold-Plasma Dispersion Relation; 4.2 Critical Conditions for Parallel Propagation; 4.3 Critical Conditions for Perpendicular Propagation; 4.4 Clemmow-Mullaly-Allis Diagrams; 4.5 The High-Field Regime; 4.6 The Low-Field Regime; 4.7 A Few Preliminary Implications for ECH Experiments; 4.8 Wave Damping; 4.8.1 A Collisional Model of Damping; 4.8.2 An Introduction to Collisionless Cyclotron Damping; 4.8.3 Cyclotron Damping of Whistler Waves 4.8.4 Cyclotron Damping of Waves Propagating as O-Modes4.9 Electrostatic Plasma Waves; 4.10 Estimates of the Electric Field Amplitude; 4.11 Ray Tracing in Inhomogeneous Plasmas; References; 5 Interaction of Electrons with Electromagnetic Fields at Resonance; 5.1 A Rudimentary Stochastic Model of ECH; 5.2 Dynamics of the Fundamental Resonance Interaction; 5.2.1 Dynamics of the Electron Interaction With X-Mode Waves; 5.2.2 Dynamics of the Electron Interaction With Parallel RF Electric Fields; 5.2.3 Dynamics of the Electron Interaction with O-Mode Waves; 5.3 Heating of Relativistic Electrons 5.4 Limit Cycles5.5 Nonlinear Effects: Mapping Approaches; References; 6 Equilibrium; 6.1 Charge Balance; 6.2 Particle and Power Balance; 6.2.1 Particle and Energy Balance for Group 1; 6.3 Breakdown and Start-up; 6.3.1 Breakdown by Heating on the Midplane of a Magnetic Mirror; 6.3.2 Breakdown with Heating Well Off the Midplane; 6.3.3 Breakdown with Heating near the Midplane; 6.4 ECH Runaway: Groups 2 and 3; 6.4.1 Particle Balance for Electrons in Group 2; 6.4.2 Particle and Power Balance for Electrons in Group 3; 6.5 Fokker-Planck Models of Hot-Electron Equilibria 6.6 Ad Hoc Velocity-Space Models of Anisotropic Hot-Electron EquilibriaReferences; 7 Stability; 7.1 Interchange Instabilities; 7.2 Electrostatic Velocity-Space Instabilities Driven by Wave-Particle Interactions; 7.3 Electromagnetic Velocity Space Instabilities; References; 8 Experimental Results in Magnetic Mirrors; 8.1 Hot-Electron Experiments in "Physics Test Facility" and EPA [1-3]; 8.2 High-Beta Experiments in ELMO [9]; 8.3 Unstable Electromagnetic Waves in the TPM [12]; 8.4 Heating Experiments in AMPHED [15]; References; 9 Electron Cyclotron Heating in Tokamaks 9.1 Ordinary-Mode Fundamental ECH Absorption in PLT
Sommario/riassunto	Authored by a highly regarded plasma scientist, this book fills the gap for a topical reference and source with a professional audience in mind. While the use of this critical method at the international fusion reactor, ITER, is covered in detail, the monograph also includes planetary magnetospheres and plasma sources for commercial applications. With exercises and solutions for additional use as course reading.