1. Record Nr. UNINA9910461276303321

Autore	Firestein Stuart
Titolo	Ignorance [[electronic resource]] : how it drives science / / Stuart Firestein
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2012
ISBN	1-280-59536-1 9786613625199 0-19-982808-3
Descrizione fisica	1 online resource (208 p.)
Disciplina	501/.9
Soggetti	Science - Philosophy Ignorance (Theory of knowledge) Discoveries in science Electronic books.
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	Machine generated contents note: -- Chapter 1. A Short View of Ignorance -- Chapter 2. Finding Out -- Chapter 3. Limits, Uncertainty, Impossibility, and Other Minor Problems -- Chapter 4. Unpredicting -- Chapter 5. The Quality of Ignorance -- Chapter 6. Ignorance in Action: Case Histories -- Chapter 7. Ignorance beyond the Lab.
Sommario/riassunto	"Knowledge is a big subject, says Stuart Firestein, but ignorance is a bigger one. And it is ignorance--not knowledge--that is the true engine of science. Most of us have a false impression of science as a surefire, deliberate, step-by-step method for finding things out and getting things done. In fact, says Firestein, more often than not, science is like looking for a black cat in a dark room, and there may not be a cat in the room. The process is more hit-or-miss than you might imagine, with much stumbling and groping after phantoms. But it is exactly this "not knowing," this puzzling over thorny questions or inexplicable data, that gets researchers into the lab early and keeps them there late, the thing that propels them, the very driving force of science. Firestein shows how scientists use ignorance to program their work, to identify what should be done, what the next steps are, and

	where they should concentrate their energies. And he includes a catalog of how scientists use ignorance, consciously or unconsciously--a remarkable range of approaches that includes looking for connections to other research, revisiting apparently settled questions, using small questions to get at big ones, and tackling a problem simply out of curiosity. The book concludes with four case histories--in cognitive psychology, theoretical physics, astronomy, and neuroscience--that provide a feel for the nuts and bolts of ignorance, the day-to-day battle that goes on in scientific laboratories and in scientific minds with questions that range from the quotidian to the profound. Turning the conventional idea about science on its head, Ignorance opens a new window on the true nature of research. It is a must-read for anyone curious about science"--

2.	Record Nr.	UNINA9910695074503321
	Titolo	BOREAS HYD-9 Belfort rain gauge data [[electronic resource] /] / Nick Kouwen ... [and others]
	Pubbl/distr/stampa	Greenbelt, Md. : , : National Aeronautics and Space Administration, Goddard Space Flight Center, , [2000]
	Descrizione fisica	1 volume : digital, PDF file
	Collana	Technical report series on the Boreal Ecosystem-Atmosphere Study (BOREAS) ; ; 38 NASA/TM ; ; 2000-209891, v. 38
	Altri autori (Persone)	KouwenN
	Soggetti	Air land interactions Forests Moisture content Rain gages Soil moisture Soil sampling
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Title from title screen (viewed on April 18, 2006). "July 2000."
	Nota di bibliografia	Includes bibliographical references.

3.

Record Nr.	UNISA996465377803316
Titolo	Developments in Language Theory [[electronic resource]] : 5th International Conference, DLT 2001, Vienna, Austria, July 16-21, 2001. Revised Papers / / edited by Werner Kuich, Grzegorz Rozenberg, Arto Salomaa
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2002
ISBN	3-540-46011-X
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (IX, 389 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2295
Disciplina	511.3
Soggetti	Programming languages (Electronic computers) Mathematical logic Computers Computer logic Programming Languages, Compilers, Interpreters Mathematical Logic and Foundations Theory of Computation Mathematical Logic and Formal Languages Computation by Abstract Devices Logics and Meanings of Programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes biographical references and index.
Nota di contenuto	Invited Presentations -- Automata: From Uncertainty to Quantum -- Elementary Theory of Ordinals with Addition and Left Translation by ? -- The Equational Theory of Fixed Points with Applications to Generalized Language Theory -- Second-Order Logic over Strings: Regular and Non-regular Fragments -- Decision Questions on Integer Matrices -- Some Petri Net Languages and Codes -- Words, Permutations, and Representations of Numbers -- Proof Complexity of Pigeonhole Principles -- Words and Patterns -- A Short Introduction to Infinite Automata -- Contributions -- The Power of One-Letter Rational Languages -- The Entropy of Lukasiewicz-Languages -- Collapsing

Words vs. Synchronizing Words -- A Note on Synchronized Automata and Road Coloring Problem -- Shuffle Quotient and Decompositions -- The Growing Context-Sensitive Languages Are the Acyclic Context-Sensitive Languages -- Recognizable Sets of N-Free Pomsets Are Monadically Axiomatizable -- Automata on Series-Parallel Biposets -- Hierarchies of String Languages Generated by Deterministic Tree Transducers -- Partially-Ordered Two-Way Automata: A New Characterization of DA -- Level 5/2 of the Straubing-Thérien Hierarchy for Two-Letter Alphabets -- On the Power of Randomized Pushdown Automata -- The Root of a Language and Its Complexity -- Valuated and Valence Grammars: An Algebraic View -- Context-Free Valence Grammars - Revisited -- An Undecidability Result Concerning Periodic Morphisms -- A Universal Turing Machine with 3 States and 9 Symbols -- Minimal Covers of Formal Languages -- Some Regular Languages That Are Church-Rosser Congruential -- On the Relationship between the McNaughton Families of Languages and the Chomsky Hierarchy -- Forbidden Factors and Fragment Assembly -- Parallel Communicating Grammar Systems with Incomplete Information Communication -- Eliminating Communication by Parallel Rewriting -- String Rewriting Sequential P-Systems and Regulated Rewriting.