1. Record Nr. UNINA9910130792603321

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Titolo	Auf dem Weg zur Energiewende : die entwicklung der stromproduktion aus erneuerbaren Energien in Deutschland : eine studie aus dem Soziologischen Forschungsinstitut Göttingen (SOPI) / / Rudiger Mautz, Andreas Byzio, Wolf Rosenbaum
Pubbl/distr/stampa	Göttingen, Germany : , : Universitätsverlag Göttingen, , 2008 ©2008
Descrizione fisica	1 online resource (174 pages) : illustrations (some colour); digital file(s)
Collana	Open Access e-Books Knowledge Unlatched
Disciplina	333.7940943
Soggetti	Renewable energy sources Environmental policy
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Electricity generation from renewable sources of energy has had a long history in Germany and is highly topical. This paper deals with both aspects. A sociological analysis of technology shows how innovative technologies gradually emerged from the Utopian vision of 'velvet' energies, which became the basis of the rapidly growing regenerative electricity production. The second aspect of the paper is an analysis of the growing potential - as well as possible obstacles - of regenerative energies. The expansion of energy production from renewable sources and the tendency towards the concentration of such installations (e.g. large wind farms or solar parks) is increasingly met with opposition from the public. In addition, it is felt that considerable changes in the energy sector can only be successful if its promoters become more active. Die Stromproduktion aus erneuerbaren Energien in Deutschland hat sowohl eine Jahrzehnte lange Geschichte als auch hohe Aktualitat. Die vorliegende Untersuchung greift beide Aspekte auf. Zum einen wird im Rahmen einer soziologischen Technikanalyse herausgearbeitet, wie aus

der utopischen Vision sanfter Energien allmahlich sich verfestigende und politisch geforderte Innovations- und Technikpfade hervorgingen und zur Grundlage des gegenwartig rapide wachsenden regenerativen Stromsektors wurden. Zum anderen liegt der Schwerpunkt der Studie auf der Analyse aktueller Entwicklungspotenziale der erneuerbaren Energien sowie moglicher Hemmnisse und ambivalenter Folgen ihrer Expansion. p. fuhren die zunehmende Verbreitung regenerativer Stromproduktion sowie die Tendenz zur Zentralisierung bestimmter Erzeugungstechniken (zum Beispiel große Wind- oder Solarparks) nicht selten zu Widerstanden in der Bevolkerung sowie zu Kontroversen innerhalb des okologischen Lagers. Daruber hinaus zeichnet sich ab, dass der durch die Expansion der erneuerbaren Energien eingeleitete Transformationsprozess des deutschen Stromsektors nur dann erfolgreich weitergefuhrt werden kann, wenn die Akteure der Regenerativbranche mehr als bisher aktiv zur Netz- und Systemeinbindung erneuerbarer Stromquellen beitragen.

2. Record Nr. UNINA9910878067403321

Titolo	Developments in Language Theory : 28th International Conference, DLT 2024, Göttingen, Germany, August 12–16, 2024, Proceedings / / edited by Joel D. Day, Florin Manea
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031661594 9783031661587
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (310 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14791
Disciplina	511.3
Soggetti	Computer science - Mathematics Logic programming Natural language processing (Computer science) Mathematics of Computing Logic in AI Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	-- Word equations, constraints and formal languages. -- Algorithms and combinatorics on two-dimensional strings. -- Polyregular Functions – Characterisations and Refutations. -- Cellular Automata: From Black-and-White to High Gloss Color. -- Deciding Conjugacy of a Rational Relation. -- Logic and Languages of Higher-Dimensional Automata. -- Universal Rewriting Rules for the Parikh Matrix Injectivity Problem. -- O_2 is a multiple context-free grammar: an implementation-, formalisation-friendly proof. -- Cyclic Operator Precedence Grammars for Improved Parallel Parsing. -- On the complexity and approximability of Bounded access Lempel Ziv coding. -- How to Find Long Maximal Exact Matches and Ignore Short Ones. -- The Pumping Lemma for Context-Free Languages is Undecidable . -- Techniques for Showing the Decidability of the Boundedness Problem of Language Acceptors. -- Semidirect Product Decompositions for Periodic Regular Languages. -- Approximate Cartesian Tree Pattern Matching. -- Deterministic Pushdown Automata with Translucent Input Letters. -- Network Topologies for Parallel Communicating Finite Automata: Token-Ring and Token-Bus. -- Finite Automata with Sets of Translucent Words. -- Careful Synchronization of One-Cluster Automata. -- Verifying And Interpreting Neural Networks using Finite Automata. -- Around Don’s conjecture for binary completely reachable automata.
Sommario/riassunto	This book constitutes the refereed proceedings of the 28th International Conference on Developments in Language Theory, DLT 2024, held in Göttingen, Germany, during August 12–16, 2024. The 17 full papers and 4 invited papers included in this book were carefully reviewed and selected from 26 submissions. They presented current developments in formal languages and automata. The scope is very general and includes, among others, the following topics and areas: grammars, acceptors and transducers for words; trees and graphs; relations between formal languages and artificial neural networks; algebraic theories of automata; algorithmic, combinatorial, and algebraic properties of words and languages; variable length codes; symbolic dynamics; cellular automata; groups and semigroups generated by automata; polyominoes and multidimensional patterns; decidability questions; image manipulation and compression; efficient text algorithms; relationships to cryptography, concurrency, complexity theory, and logic; bio-inspired computing; and quantum computing. .