1.	Record Nr.	UNINA9910437926303321
	Titolo	Machine learning for computer vision / / Roberto Cipolla, Sebastiano Battiato, and Giovanni Maria Farinella (eds.)
	Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2013
	ISBN	9783642286612
		3642286615
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (XXII, 250 p.)
	Collana	Studies in computational intelligence, , 1860-949X ; ; 411
	Altri autori (Persone)	CipollaRoberto
		BattiatoSebastiano
		FarinellaGiovanni Maria
	Disciplina	006.3/7
	Soggetti	Computer vision
		Machine learning
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Throwing Down the Visual Intelligence Gauntlet -- Actionable Information in Vision -- Learning Binary Hash Codes for Large-Scale Image Search -- Bayesian Painting by Numbers: Flexible Priors for Colour-Invariant Object Recognition -- Real-Time Human Pose Recognition in Parts from Single Depth Images -- Scale-Invariant Vote-based 3D Recognition and Registration from Point Clouds -- Multiple Classifier Boosting and Tree-Structured Classifiers -- Simultaneous detection and tracking with multiple cameras -- Applications of Computer Vision to Vehicles: an extreme test.
	Sommario/riassunto	Computer vision is the science and technology of making machines that see. It is concerned with the theory, design and implementation of algorithms that can automatically process visual data to recognize objects, track and recover their shape and spatial layout. The International Computer Vision Summer School - ICVSS was established in 2007 to provide both an objective and clear overview and an in-depth analysis of the state-of-the-art research in Computer Vision. The courses are delivered by world renowned experts in the field, from both academia and industry, and cover both theoretical and practical aspects of real Computer Vision problems. The school is organized every year

by University of Cambridge (Computer Vision and Robotics Group) and University of Catania (Image Processing Lab). Different topics are covered each year. A summary of the past Computer Vision Summer Schools can be found at: http://www.dmi.unict.it/icvss This edited volume contains a selection of articles covering some of the talks and tutorials held during the last editions of the school. The chapters provide an in-depth overview of challenging areas with key references to the existing literature.

2.	Record Nr.	UNINA9910299414403321
	Titolo	Energy and Environment : Select Proceedings of ICWEES-2016 / / edited by Vijay P Singh, Shalini Yadav, Ram Narayan Yadava
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2018
	ISBN	981-10-5798-2
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (XIX, 262 p. 94 illus., 65 illus. in color.)
	Collana	Water Science and Technology Library, , 1872-4663 ; ; 80
	Disciplina	333.91
	Soggetti	Environment Energy policy Energy and state Electric power production Environmental monitoring Environmental Sciences Energy Policy, Economics and Management Electrical Power Engineering Mechanical Power Engineering Environmental Monitoring
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references at the end of each chapters.
	Nota di contenuto	1. Structural Evaluation of Cell-Filled Pavement, by Subrat Roy -- 2. Global Warming Issues-Need for Sustainable Drainage System in Urban Areas-Green Construction Technologies, by A.K. Shrivastava -- 3. Water Hyacinth: A Useful Plant to Improve Rural Economy, by Priti

Mathur -- 4. Growth, Biomass and Carbon Sequestration by Ttrees in Nutrient Deficient Bhata Land Soil of Bilaspur, Chhattisgarh, India, by K. K.Chandra -- 5. Impact of Copper Oxide Nano Particles on Growth of Different Bacterial Species, by Tapan Adhikari -- 6. Performance of Low Cost Microbial Fuel Cell Using Earthenware Separator by Sudhansu Behera -- 7. Synthesis of CaO_2 Nanoparticles for Environmental Emediation, by Sapana S. Madan -- 8. Superiority of Re-Circulating Fluidized Bed Reactor over Existing Reactor Arrangements for Chemical Looping Combustion – A Review, by Sachin Tomar -- 9. Enhancing N Use Efficiency and Reducing N_2O Emission by Coating Urea with Newly Identified Bio-molecule ($C_{20}H_{30}O_2$), Nano-Zn Oxide and Nano-Rockphosphate,by S. Kundu -- 10. Gamma Radiation Technology for Hygienisation of Municipal Dry Sewage ludge- Naresh Kumar Garg -- 11. Participatory Approach for Corporate Social Responsibility Plan in India, by Dr. Rajesh Puranik -- 12. Solar Powered Cold Storage System for Horticultural Crops, by P. L. Singh -- 13. Feasibility of Solar Pumps for Salt Farmers, by Kapil K Samar -- 14. Development of Uttarakhand Using Alternative Energy Source as Micro Hydropower, by Jyothi Prasad -- 15. Comparative Studies on Performance of Commercially Available High Power PC-LED Bulbs Under Tropical Condition, by Arindam Chakraborty -- 16. Development of Pedal Operated Flour Mill, by Yallappa D -- 17. Development of Family Size FRP Biogas Plant Based on Kitchen Waste, by Deepak Sharma -- 18. A Computer-Based Expert System to Design Deenbandhu Biogas Plant, by Sudhir Narayan Kharpude -- 19. Prosopis Juliflora–A Potential Problematic Weed for Lignocellulosic Ethanol Production- Vijayakumar Palled -- 20. Oil Extraction, Biodiesel Production and CI Engine Investigation Using Madhuca India Methyl Ester, by Amit Karwade -- 21. Design and Development of Producer Gas Based Heat Exchanger for Drying Application, by D.K.Vyas -- 22. Carbon Storage Potential in Dominant Trees of Koraput District of Odisha, by Kakoli Banerjee -- 23. Study of Geothermal Energy Potential with Geothermal Doublet, by Shibani K Jha. .

| Sommario/riassunto | This book comprising seven parts is organized under two sections. The first section deals with environment containing four parts, whereas the second section, containing three parts, is on energy. The first part deals with some aspects of hydrologic impacts of global warming and anthropogenic changes. Part II is on bio-environment and discusses plants, biomass, and bacterial species. Part III focuses on chemical environment. Section one is concluded with Part IV on social environment. Section two starts out with Part V on solar energy. Hydropower is discussed in Part VI. The concluding Part VII deals with biogas. The book will be of interest to researchers and practitioners in the field of water resources, hydrology, environmental resources, agricultural engineering, watershed management, earth sciences, as well as those engaged in natural resources planning and management. Graduate students and those wishing to conduct further research in water and environment and their development and management may find the book to be of value. |