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	Titolo	Talk of the town
	Pubbl/distr/stampa	[Ottawa, Ont.]
	Classificazione	cci1icc
	Disciplina	071/.1384
	Soggetti	Canadian periodicals (English) - Ontario - Ottawa
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
2.	Record Nr.	UNINA9910299673303321
	Titolo	Proceedings of the 15th International Conference on Man–Machine–Environment System Engineering / / edited by Shengzhao Long, Balbir S. Dhillon
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
	ISBN	3-662-48224-X
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (695 p.)
	Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 356
	Disciplina	620
	Soggetti	Control engineering Robotics Automation Artificial intelligence Human physiology Engineering design Aerospace engineering Astronautics Security systems Control, Robotics, Automation Artificial Intelligence Human Physiology Engineering Design Aerospace Technology and Astronautics Security Science and Technology

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 at the end of each chapters.
Nota di contenuto	Research on the Man Character -- Research on the Machine Character -- Research on the Environment Character -- Research on the Man-Machine Relationship -- Research on the Man-Environment Relationship -- Research on the Machine-Environment Relationship -- Research on the Overall Performance of Man-Machine-Environment System -- Theory & Application Research.
Sommario/riassunto	<p>This research topic was first established in China by Professor ShengZhao Long in 1981, with direct support from one of the greatest modern Chinese scientists, XueSen Qian. In a letter to ShengZhao Long from October 22nd, 1993, XueSen Qian wrote: "You have created a very important modern science subject and technology in China!" MMESE primarily focuses on the relationship between Man, Machine and Environment, studying the optimum combination of man-machine-environment systems. In this system, "Man" refers to working people as the subject in the workplace (e.g. operators, decision-makers); "Machine" is the general name for any object controlled by Man (including tools, machinery, computers, systems and technologies), and "Environment" describes the specific working conditions under which Man and Machine interact (e.g. temperature, noise, vibration, hazardous gases etc.). The three goals of optimization are to ensure safety, efficiency and economy. These proceedings are an academic showcase of the best papers selected from more than 400 submissions, introducing readers to the top research topics and the latest developmental trends in the theory and application of MMESE. These proceedings are interdisciplinary studies on the concepts and methods of physiology, psychology, system engineering, computer science, environment science, management, education, and other related disciplines. Researchers and professionals who study an interdisciplinary subject crossing above disciplines or researchers on MMESE subject will be mainly benefited from these proceedings.</p>