1.	Record Nr.	UNISA996198564003316
	Titolo	Journal of failure analysis & prevention
	Pubbl/distr/stampa	[Materials Park, Ohio] : , : ASM International
		Boston : , : Springer
	ISSN	1864-1245
	Descrizione fisica	1 online resource
	Disciplina	669
	Soggetti	System failures (Engineering)
		Materials - Fatigue
		Pannes
		Matériaux - Fatigue
		Online resources.
		Periodicals.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
	Note generali	Refereed/Peer-reviewed
		Volumes appear on same website as previous title.

2.	Record Nr.	UNINA9910483572203321
	Titolo	Advances in Human Factors in Robots and Unmanned Systems : Proceedings of the AHFE 2019 International Conference on Human Factors in Robots and Unmanned Systems, July 24-28, 2019, Washington D.C., USA / / edited by Jessie Chen
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-20467-7
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XI, 248 p. 98 illus., 77 illus. in color. :)
	Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 962
	Disciplina	629.892 629.8924019
	Soggetti	Automatic control Robotics Automation User interfaces (Computer systems) Human-computer interaction Psychology, Experimental Computational intelligence Control, Robotics, Automation User Interfaces and Human Computer Interaction Experimental Psychology Computational Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Sommario/riassunto	This book focuses on the importance of human factors in the development of safe and reliable unmanned systems. It discusses current challenges such as how to improve the perceptual and cognitive abilities of robots, develop suitable synthetic vision systems, cope with degraded reliability in unmanned systems, predict robotic behavior in case of a loss of communication, the vision for future soldier–robot teams, human–agent teaming, real-world implications for human–robot

interaction, and approaches to standardize both the display and control of technologies across unmanned systems. Based on the AHFE 2019 International Conference on Human Factors in Robots and Unmanned Systems, held on July 24–28, 2019, Washington D.C., USA, this book fosters new discussions and stimulates new advances in the development of more reliable, safer, and highly functional devices for carrying out automated and concurrent tasks.