

1. Record Nr.	UNINA9910342656703321
Autore	Lele Ajey
Titolo	Disruptive Technologies for the Militaries and Security // by Ajey Lele
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	9789811333842 981-13-3384-X 978-981-13-3384-2
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XX, 234 p. 11 illus., 5 illus. in color.)
Collana	Smart Innovation, Systems and Technologies, , 2190-3018 ; ; 132
Disciplina	620.0042
Soggetti	Engineering design Politics and war Application software Management Industrial management Technology—History Technology—Sociological aspects Engineering Design Military and Defence Studies Information Systems Applications (incl. Internet) Innovation/Technology Management History of Technology Science and Technology Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	The Context of Technology -- Disruptive Technology and Innovation -- Artificial Intelligence -- Big Data -- Cloud Computing -- Internet of Things (IoT) -- Blockchain -- Lethal Autonomous Weapons Systems (LAWS) -- Hypersonic Weapons -- 3 D Printing -- Next Generation Genomics -- Inexhaustible Sources -- New Materials -- Disruption and Industry 4.0 -- Technology Control -- Conclusion.
Sommario/riassunto	This book debates and discusses the present and future of Disruptive Technologies in general and military Disruptive Technologies in

particular. Its primary goal is to discuss various critical and advanced elucidations on strategic technologies. The focus is less on extrapolating the future of technology in a strict sense, and more on understanding the Disruptive Technology paradigm. It is widely accepted that technology alone cannot win any military campaign or war. However, technological superiority always offers militaries an advantage. More importantly, technology also has a great deterrent value. Hence, on occasion, technology can help to avoid wars. Accordingly, it is important to effectively manage new technologies by identifying their strategic utility and role in existing military architectures and the possible contributions they could make towards improving overall military capabilities. This can also entail doctrinal changes, so as to translate these new technologies into concrete advantages.

---