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Altri autori (Persone)	BroedersD (Dennis) DelerueFrancois <1987-> DouzetFrederick GeryAude
Disciplina	355.4
Soggetti	Cyberspace operations (Military science)
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Artificial intelligence and international conflict in cyberspace : exploring three sets of issues / Fabio Cristiano, Dennis Broeders, Francois Delerue, Frederick Douzet and Aude Gery -- The unknowable conflict : tracing AI, recognition, and the death of the (human) loop / Andrew C. Dwyer -- Artificial intelligence in hybrid and information warfare : a double-edged sword / Wesley R. Moy and Kacper T. Gradon -- Algorithmic power? The role of artificial intelligence in European strategic autonomy / Simona R. Soare -- The middleware dilemma of middle powers : AI-enabled services as sites of cyber conflict in Brazil, India, and Singapore / Arun Mohan Sukumar -- Artificial intelligence and military superiority : how the 'cyber-AI offensive-defensive arms race' affects the US vision of the fully integrated battlefield / Jeppe T. Jacobsen and Tobias Liebetrau -- Ethical principles for artificial

intelligence in the defence domain / Mariarosaria Taddeo, David McNeish, Alexander Blanchard and Elizabeth Edgar -- Is Stuxnet the next Skynet? Autonomous cyber capabilities as lethal autonomous weapons systems / Louis Perez -- Advanced artificial intelligence techniques and the principle of non-intervention in the context of electoral interference : a challenge to the "demanding" element of coercion? / Jack Kenny.

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#### Sommario/riassunto

"This edited volume explores how artificial intelligence (AI) is transforming international conflict in cyberspace. Over the past three decades, cyberspace developed into a crucial frontier and issue of international conflict. However, scholarly work on the relationship between AI and conflict in cyberspace has been produced along somewhat rigid disciplinary boundaries and an even more rigid sociotechnical divide - wherein technical and social scholarship are seldomly brought into a conversation. This is the first volume to address these themes through a comprehensive and cross-disciplinary approach. With the intent of exploring the question 'what is at stake with the use of automation in international conflict in cyberspace through AI?', the chapters in the volume focus on three broad themes, namely: (1) technical and operational, (2) strategic and geopolitical, and (3) normative and legal. These also constitute the three parts in which the chapters of this volume are organised, although these thematic sections should not be considered as an analytical or a disciplinary demarcation. This book will be of much interest to students of cyber-conflict, artificial intelligence, security studies and International Relations"--

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