

AI, automation, and war

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Auteur(s) : King, Anthony (1967-....) sociologue

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Note sur le contenu : Preface Robot wars What AI can do AI strategy Military-tech complex The special relationship AI and planning AI and targeting AI and cyber operations The human-machine team War at the speed of light

Résumé ou extrait : "AI, Automation, and War examines how AI has transformed, is transforming, and will transform warfare and the armed forces today and in the near future, focusing particularly on the relationship between ministries of defense and tech companies." (éditeur)

"Why AI will not replace human strategic judgement in warIs AI about to automate war? Will autonomous drone swarms and killer robots controlled by AI dominate the battlespace and determine the winner? In AI, Automation, and War, Anthony King debunks this science fiction-tinged narrative of AI's military potential, exploring instead the actual applications of AI by the armed forces over the last decade. He finds that AI is not going to replace human commanders and combatants; the machines are not about to take over. Rather, the military has used, and will continue to use, AI to process data at a scale and speed that exceeds the capacity of humans. AI will be used primarily to improve military understanding

and intelligence. King explains that military commanders, enabled by the data processing power of AI, will be able to see the battlespace at a previously unattainable depth, fidelity, and speed. AI will help the armed forces plan, target, and conduct cyber operations faster and more effectively. In order to harness AI in this way, however, a radical organisational transformation is taking place. The armed forces are integrating civilian technologists into operational headquarters to work alongside military staff. This partnership between the armed forces and the technology sector signals the emergence of a military-tech complex that promises to be as powerful in this century as the military-industrial complex was in the last." (jaquette)

Sujet - Nom commun : Intelligence artificielle -- Applications militaires

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