

Responsible use of AI in military systems

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Note sur le contenu : Introduction to Responsible use of AI in military systems / Jan Maarten Schraagen
Section I: Implementing military AI responsibly: Models and approaches A Socio-Technical Feedback Loop for Responsible Military AI Life-Cycles from Governance to Operation / Marlijn Heijnen, Tjeerd Schoonderwoerd, Mark Neerincx, Jasper van der Waa, Leon Kester, Jurriaan van Diggelen, & Pieter Elands How can Responsible AI be implemented ? / Wolfgang Koch & Florian Keisinger A Qualitative Risk Evaluation Model for AI-Enabled Military Systems / Ravi Panwar Applying responsible AI principles into military AI products and services: A practical approach / Michael Street & Sandro Bjelogrlc Unreliable AIs for the military / Guillaume Gadek Section II: Liability and accountability of individuals and states Methods to mitigate risks associated with the use of AI in the military domain / Shannon Cooper, Damian Copeland, & Lauren Sanders 'Killer Pays'. State liability for the use of

autonomous weapons systems in the battlespace / Diego Mauri, University of Florence Military AI and Accountability of Individuals and States for War Crimes in the Ukraine / Dan Saxon Scapegoats! Assessing the liability of programmers and designers for autonomous weapons systems / Afonso Seixas Nunes Section III: Human control in human-AI military teams Rethinking 'Meaningful Human Control' / Linda Eggert AlphaGo's Move 37 and its implications for AI-supported military decision-making / Tom Simpson Bad, mad and cooked: Moral Responsibility for civilian harms in human-AI military teams / Kate Devitt Neglect Tolerance as a measure for responsible human delegation / Chris Miller & Richard Freedman Section IV: Policy aspects Strategic interactions: the economic complements of AI and the political context of war / Jon Lindsay Promoting Responsible State Behavior on the use of AI in the Military Domain: Lessons learned from multilateral security negotiations on digital technologies / Kerstin Vignard Section V Bounded autonomy / Jan Maarten Schraagen

Résumé ou extrait : "The book provides the reader with a broad overview of all relevant aspects involved with the responsible development, deployment and use of AI in military systems. It stresses both the advantages of AI as well as the potential downsides of including AI in military systems." (éd.)

Sujet - Nom commun : Intelligence artificielle -- Applications militaires
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