

Autonomous Weapon Systems, Human Dignity and International Law Saxon, D.R.

Citation

Saxon, D. R. (2016, December 1). *Autonomous Weapon Systems, Human Dignity and International Law*. Retrieved from https://hdl.handle.net/1887/44700

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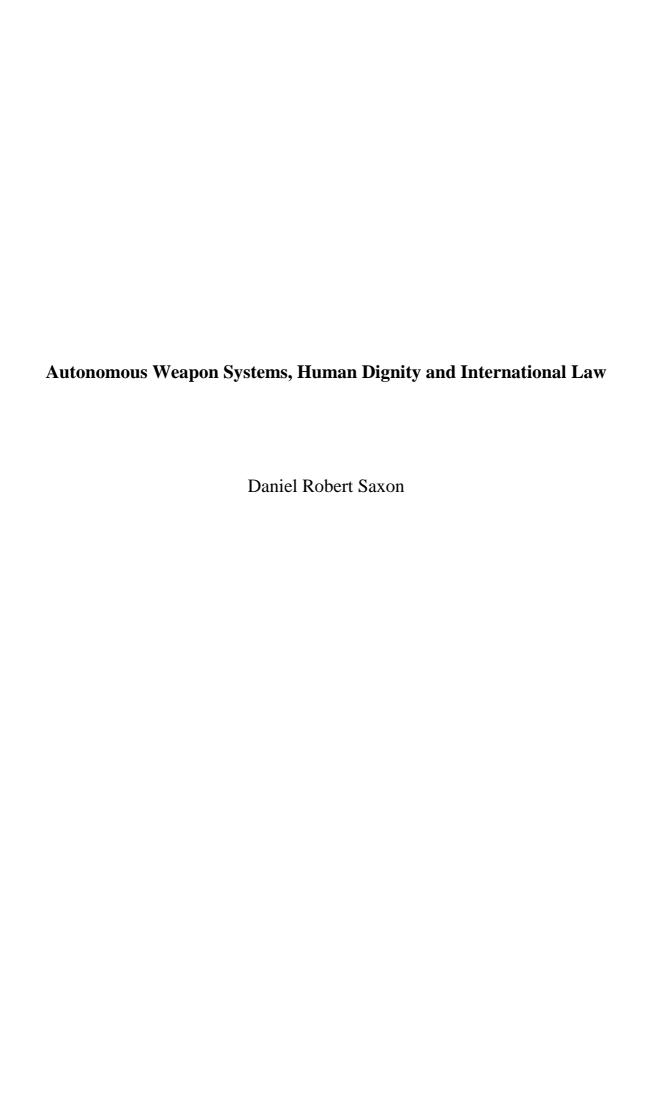


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Author: Saxon, D.R.

Title: Autonomous Weapon Systems, Human Dignity and International Law

Issue Date: 2016-12-01



Autonomous Weapon Systems, Human Dignity and International Law

PROEFSCHRIFT

ter verkrijging van

de graad van Doctor aan de Universiteit Leiden,

op gezag van Rector Magnificus prof. mr. C.J.J.M. Stolker,

volgens besluit van het College voor Promoties

te verdedigen op 1 december 2016

klokke 11:15 uur

door

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ACKNOWLEDGMENTS

I would like to express my sincere appreciation to my superviser, Professor Carsten Stahn, for his constant support and firm guidance during the research and writing of this dissertation. I am also grateful to my colleagues at Leiden University College, in particular Dean Jos Schaeken, who encouraged me during the course of this project. Last but not least, I am eternally grateful to my wife Maritza and son Fernando for their unwavering patience and support.

'God himself ... gave a mind to the human soul. ... [H]as not human ingenuity discovered and exploited all our numerous and important techniques? And is it not this mental, this rational drive, even when it seeks satisfaction in things superfluous, nay more, in things dangerous and suicidal, a witness to the excellence of its natural endowment, ...? What marvellous, stupendous results has human industry achieved ...! Against even human beings all the many kinds of poison, weapons, engines of war!'

-

¹ Saint Augustine, *The City of God Against the Pagans*, William M. Green (trans.) (Cambridge, Massachusetts, Harvard University Press, 1972), vol. VII: Book XXII, pp. 327 – 329.

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Preface

I first turned my mind to the impact of international law on technology (and vice versa) during the 2010-2011 academic year when I was a Leverhulme Visiting Professor in the Faculty of Law at the University of Cambridge. An article by Professor Beard inspired me to commence work on an edited volume that explores the challenges posed by new technologies to compliance with international humanitarian law.

One part of that volume addressed the nascent field of autonomous weapon systems and the legality of their design and use. As the technology advances, so does the debate about the lawfulness of these weapon systems. Nevertheless, to the best of my knowledge, no monograph exists that addresses these issues. Thus, this dissertation tries to fill this gap in the academic literature and deeply explore the opportunities, tensions and contradictions that arise when human beings can delegate their responsibilities for war-fighting decisions to computer software.

This work comprises an Introduction, a typology of autonomous weapon systems, six chapters addressing the relationship between autonomous weapon systems, human dignity and international humanitarian law, international human rights law, international criminal law and the law of state responsibility, and Conclusions. It will be possible, in certain circumstances, to use autonomous weapon systems consistently with international law. Nevertheless, the following chapters demonstrate that the delegation of human responsibility for complex, value-based decisions to autonomous weapons violates human dignity and, consequently, international law.