CYBER WARFARE

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Military Cross-Border Computer Network Operations under International Law

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To my parents

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Heidelberg, January 2014 Johann-Christoph Woltag

CONTENTS

ABBREVIATIONS

Banjul Charter	African Charter on Human and Peoples' Rights
ACHR	American Convention on Human Rights
Genocide Convention Case	*Application of the Convention on the Prevention and Punishment of the Crime of Genocide (Bosnia and Herzegovina v Serbia and Montenegro) (Judgment)*
UN Charter	Charter of the United Nations
CNA	Computer Network Attack
CNO	Computer Network Operation
Hague Regulations of 1907	Convention concerning the Laws and Customs of War on Land and its Annex: Regulations Respecting the Laws and Customs of War on Land
Hague Convention V	Convention respecting the Rights and Duties of Neutral Powers and Persons in Case of War on Land
CCDCOE	Cooperative Cyber Defence Centre of Excellence
COE	Council of Europe
ccTLD	Countrycode Top-Level Domain
CIP	Critical Infrastructures Protection
St. Petersburg Declaration	Declaration Renouncing the Use in Time of War of Explosive Projectiles under 400 Grammes Weight
DDoS	Distributed Denial of Service
DNS	Domain Name System
ECHR	European Convention on Human Rights
ECtHR	European Court of Human Rights
ENISA	European Network and Information Security Agency
fn.	Footnote
Geneva Convention III	Geneva Convention relative to the Treatment of Prisoners of War

Manual on Air and Missile Warfare	Humanitarian Policy and Conflict Research Manual on International Law Applicable to Air and Missile Warfare
ILC Articles on State Responsibility	ILC Articles on Responsibility of States for Internationally Wrongful Acts
ICT	Information and Communication Technologies
ICCPR	International Covenant on Civil and Political Rights
ICRC	International Committee of the Red Cross
ICTY	International Criminal Tribunal for the Former Yugoslavia
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
ITU	International Telecommunication Union
ICANN	Internet Corporation for Assigned Names and Numbers
IP	Internet Protocol
Israeli Wall Advisory Opinion	*Legal Consequences of the Construction of a Wall in the Occupied Palestinian Territory (Advisory Opinion)*
MPEPIL	Max Planck Encyclopedia of Public International Law
Joint Project Agreement	Memorandum of Understanding between the US Department of Commerce and ICANN
Nicaragua Case	*Military and Paramilitary Activities in and against Nicaragua (Nicaragua v United States of America) (Merits)*
NATO	North Atlantic Treaty Organization
Additional Protocol I	Protocol Additional to the Geneva Conventions of 12 August 1949, and relating to the Protection of Victims of International Armed Conflicts
Additional Protocol II	Protocol Additional to the Geneva Conventions of 12 August 1949, and relating to the Protection of Victims of Non-International Armed Conflicts
RIAA	Reports of International Arbitral Awards
RFC	Request for Comment
ICJ Statute	Statute of the International Court of Justice

SCADA Systems	Supervisory Control and Data Acquisition Systems
Tallinn Manual	Tallinn Manual on the International Law Applicable to Cyber Warfare
Outer Space Treaty	Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, Including the Moon and other Celestial Bodies
UN Convention on the Law of the Sea	United Nations Convention on the Law of the Sea
UNGA	United Nations General Assembly
UNSC	United Nations Security Council
Tehran Hostages Case	*United States Diplomatic and Consular Staff in Tehran (United States of America v Iran)*
UDHR	Universal Declaration of Human Rights
WSIS	World Summit on the Information Society