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# International Conflict and Cyberspace Superiority

Theory and practice

William D. Bryant





# International Conflict and Cyberspace Superiority

This book examines cyberspace superiority in nation-state conflict from a theoretical and a practical perspective.

This book analyzes superiority concepts from the domains of land, maritime, and air to build a model that can be applied to cyberspace. Eight cyberspace conflicts between nation-states are examined and the resulting analysis is combined with theoretical concepts to present the reader with a conclusion. Case studies include the conflict between Russia and Estonia (2007), North Korea and the U.S. and South Korea (2009) and Saudi Arabia and Iran in the Aramco attack (2012). The book uses these case studies to examine cyberspace superiority as an analytical framework to understand conflict in this domain between nation-states. Furthermore, the book makes the important distinction between local and universal domain superiority, and presents a unique model to relate this superiority in all domains, as well as a more detailed model of local superiority in cyberspace. Through examining the eight case studies, the book develops a rigorous system to measure the amount of cyberspace superiority achieved by a combatant in a conflict, and seeks to reveal whether cyberspace superiority proves to be a significant advantage for military operations at the tactical, operational, and strategic levels.

This book will be of much interest to students of cyber conflict, strategic studies, national security, foreign policy and IR in general.

**William D. Bryant** is a career fighter pilot and has a PhD from the School of Advanced Air and Space Studies, Maxwell, USA.

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# Contents

|   |     |
|---|-----|
| <i>List of Figures</i>                                    | vii |
| <i>List of Tables</i>                                     | ix  |
| 1 Introduction  | 1   |
| 2 Elements of Domain Superiority from the Other Domains   | 11  |
| 3 Cyberspace Domain Characteristics                       | 51  |
| 4 Local Cyberspace Superiority                            | 83  |
| 5 Measuring Cyberspace Superiority                        | 124 |
| 6 Cyberspace Superiority Case Studies                     | 136 |
| 7 Conclusion  | 183 |
| Appendix A: Coding of Measurement Inputs                  | 204 |
| Appendix B: Cyberspace Superiority Case Study Measurement | 210 |
| <i>Index</i>  | 236 |

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