Record Nr. UNINA9910141811903321 Autore Morgan Forrest E **Titolo** Deterrence and first-strike stability in space : a preliminary assessment // Forrest E. Morgan Santa Monica, CA,: RAND Corporation, 2010 Pubbl/distr/stampa **ISBN** 0-8330-5028-1 Descrizione fisica 1 online resource (xix, 59 pages): illustrations Collana Rand Corporation monograph series 358.8 Disciplina 358/.8 Space warfare - Government policy - United States Soggetti Space weapons Deterrence (Strategy) United States Air Force Space Command Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di contenuto Cover; Title Page; Copyright; Preface; Contents; Figures; Summary; Acknowledgments; Abbreviations; Chapter One -Introduction; Chapter Two - The Shifting Dynamics of Stability in Space: The Historical Backdrop; The Period of Strategic Uncertainty; The Illusion of Sanctuary; Targets of Growing Attractiveness; Estimated Thresholds of Space Deterrence Failure: Space Deterrence and General Deterrence: Chapter Three - Applying the Principles of Deterrence to the Space Environment; The Central Mechanism of Deterrence; The Limits of Punishment-Based Deterrence in Space The Difficulties of Denial-Based Deterrence in SpaceMissteps That Might Further Reduce First-Strike Stability in Space; Chapter Four - The Need for a National Space Deterrence Strategy; National Space Policy; Deterring Attacks in Space with Threats of Punishment; Enhancing Space Deterrence by Denying Adversaries the Benefits of Attack; The Critical Need for Better Space Situational Awareness; Conclusion; Chapter Five - A Way Forward; Bibliography Space stability appears to be eroding as a growing number of states Sommario/riassunto acquire the ability to degrade or destroy U.S. space assets. The United

States needs a coordinated national space deterrence strategy designed

to operate on both sides of a potential adversary's cost-benefit decision calculus. Future research will determine the most effective and affordable mix of strategies, policies, and systems for strengthening space deterrence.