

Emerging military technologies

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Note sur le contenu : Introduction Ubiquitous space access Directed energy weapons Computer autonomy Nanotechnology Biotechnology Appendix I : small satellites Appendix II : military space planes Appendix III: competition to direct energy weapons Appendix IV : electromagnetic railguns Glossary

Résumé ou extrait : "Examines the potential of the United States to bring new technologies to deployment in the service of America's security and defense. The work also discusses how other international actors may regard the United States' investment in these high-tech capabilities, identifying possible resultant counter actions, and presents several divergent viewpoints on what the future may bring. The book thoroughly explores three general categories of emerging technologies: autonomous computers, nanotechnology and biotechnology, and the interrelated topics of directed energy weapons and ubiquitous space access. Security studies expert Wilson W.S. Wong balances coverage of today's cutting-edge science and engineering with treatment of real-world concerns of effectiveness, military ethics, and international relations in the 21st century. An invaluable resource for members of the military and intelligence communities, this book also provides general readers with an accessible introduction to these highly technical topics." (jaquette)

Sujet - Nom commun : Recherche militaire -- États-Unis

Armes de guerre -- Innovations technologiques -- États-Unis
Forces armées américaines -- Systèmes d'armes