



Wars in Cyberspace:

The recasting of military power in the digital age

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CYBERSPACE AND THE TRANSNATIONAL PHENOMENA - 1

What is the transnational phenomena?

Thomas Risse-Kappen :« *Regular interactions across national boundaries when at least one actor is a non-state agent or does not operate on behalf of a national government or an intergovernmental organization* »

What is cyberspace?

US National Military Strategy for Cyberspace Operations, 2006 : « *A domain characterized by the use of electronics and the electromagnetic spectrum to store, modify, and exchange data via networked systems and associated physical infrastructures* ».



CYBERSPACE AND THE TRANSNATIONAL PHENOMENA - 2

_ Overlapping borders and sovereignty

_ A tool for non state actors:

The Moldova's Twitter Revolution



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CYBERSPACE AS A NEW STRUCTURE OF POWER

- _ Theoretical background
- _ Armed forces and cyber governance



A KUHNIAN REVOLUTION IN STRATEGIC STUDIES

Laurent Murawiec, *Aristotle in Cyberspace : toward a theory of information warfare*, 2001:

« As presently constituted, the field seems to cover a bewildering array of subsets: psychological warfare, deception, cyberwar, critical information protection, computer network attack, computer network exploitation, netwar, and more. The confusion is normal. When people started building automobiles, hundreds, if not thousands of attempts were made which bore the name of “automobile”, and other names too. The variety of shapes, methods, materials, solutions proposed to the various problems of a self-propelled vehicle, was equally bewildering. It took time and experience, much competition and failures, to winnow, to rationalize, to weed out. We can only expect the same to hold true in the field of “information warfare” as opened up by the digital revolution of the last quarter century »

_ The rise of cyber strategic studies

_ Aristotle meets cyberspace



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THE RECASTING OF MILITARY POWER IN THE DIGITAL AGE

_ The phony war in Estonia

_ The rise and fall of USAF Cybercommand



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TOWARD CYBERPOWER: THE REFINEMENT OF MILITARY THINKING

_ Cyberpower, cyberdeterrence

_ International implications



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SETTING A RESEARCH AGENDA FOR THE POLITICS OF CYBERSPACE

_ Modelling the technologies of power in cyberspace
(State, non-state actors, IT industries, International organizations)

_ The power of pace vs the value of place



Q/A



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