

THE CYBER THREAT AND THE PROBLEM OF INFORMATION SECURITY

A critical analysis of the concepts of cyber-power and cyber-space

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Abstract: *In this paper we approached from a researcher's angle and analyzed the concepts of cyber-space, cyber-power from the security school perspective, from that of the international organizations, and from the civil society point of view. Therefore we referred to the documents and the international initiatives concerning the security of data transfer in the context of the current threats against cybernetic security on the one hand, and its interpretation as a threat to the values, rights and democratic freedoms of the civil society, on the other. The risk society is defined both through the grid of political sociology, of the Copenhagen school, as a key element of reference in this case, as well as through the necessity to build a safe cyber space, here being scrutinized in a value-based antithesis between terror and democracy / freedom of speech. Data security and control and also the internet-based data transfer are approached in this article from the angle of the European documents, but also from the perspective of the civil society, emphasising the regulatory efforts made by authorities and the civil campaigns. In turn, cybernetic attacks are studied from the angle of the NATO strategic concept and also from the perspective to be found in the UN and EU documents. As for the cyber-power concept, this finds its „implementation” inside the sphere of the geopolitical world, being quite relevant in the security vulnerabilities of the software constructs, of the international and local networks. Also, cyber power is associated with cyber-espionage, cyber-war, cyber-criminality and cyber-space.*

Key words: *cyber-war, cyber-terrorism, cyber-space, cyber power, cyber-criminality, cyber-weapon, cyber-espionage, cyber-war, the Copenhagen school, risk society, data safety, data transfer, information control, critical infrastructures ACTA.*

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