



Diploma Thesis Evaluation Form

Author: Giampaolo La Rosa

Title: The 5G Technology Nexus: Assessing Threats and Risks of Implementation

Programme/year: MISS, 20/21

Author of Evaluation (supervisor/external-assessor): Dr. Vít Strítecký

Criteria	Definition	Maximum	Points
Major Criteria			
	Research question, definition of objectives	10	9
	Theoretical/conceptual framework	30	26
	Methodology, analysis, argument	40	36
<i>Total</i>		80	71
Minor Criteria			
	Sources	10	8
	Style	5	3
	Formal requirements	5	3
<i>Total</i>		20	14
TOTAL		100	85



Evaluation

Major criteria:

The reviewed paper seeks to engage the 5G technology, which seems to be the contemporary hotbed of debates concerning technology and geopolitics, from a different point of view. It focuses on questions related to security policy, by engaging the nature of the technology itself, to map out various new vulnerabilities that pertain to critical information infrastructure protection under the presumed 5G 'revolution'.

Although the research insights of the presented analysis are correct, what is missing is a framework of threat assessment, which would bring the individual threats and risks introduced by the technology under a single conceptual framework.

On a positive note, what needs to be appreciated is how well the paper connects the technological matters with the existing policy needs, which seek to anticipate and correctly apprehend the emerging risks and threats coming from advanced 5G-based network infrastructures.

Minor criteria:

Minor, though quite frequent, language shortcomings; more thorough proof-reading would be beneficial. The formatting is a bit divergent.

Overall evaluation:

All in all, the paper reads well, the connection between 5G and critical information infrastructure protection is apt, and the concluding policy recommendations insightful. A missed opportunity lies in not opting for a systematic threat assessment framework.



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Suggested grade:

B

Signature

A handwritten signature in blue ink, appearing to read "M. J. F. J.", is written over the "Signature" label.