

TECHNOLOGICAL DEVELOPMENT AND THE CONTEMPORARY MILITARY PHENOMENON. IMPLICATIONS OF THE NEW TECHNOLOGIES

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Motto: “We must anticipate the implication of new technologies on the battlefield, rigorously define the military problems anticipated in future conflicts and foster a culture of experimentation and calculated risk-taking.”¹

***Abstract:** In its multi-millennial evolution, humanity has been strongly marked by smaller or larger conflicts that have decisively placed their imprint on technological progress and on the application of military power implicitly. The extremely rapid succession of the scientific discoveries of the last period has led to the emergence of new materials and technologies that have profoundly changed society and, as a consequence, the manifestation of the military phenomenon. The process continues with great dynamism, generating particularly complex situations regarding the implications that these technologies have on designing and achieving military capabilities and in their application in future conflicts.*

***Keywords:** disruptive technologies, military power, revolution in military affairs, technological convergence, technological competition, artificial intelligence.*

We are in the era of war taking place at the speed of computational machines, where information leads to knowledge, prediction and obviously, precision in actions. This brings about a paradigm shift in the sense that now

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¹ *Summary of the 2018 National Defense Strategy*, <https://dod.defense.gov/Portals/1/Documents/pubs/2018-National-Defense-Strategy-Summary.pdf>, accessed on 18.02.2020, p.7.