

## Self-Study Task

### *(The Economics of Military Robotics)*

1. What is robotics and military robotics? Try to explain the subject of study. What position does it have?
2. What are the historical roots of military robotics? What can we learn from the history of robotics? What lessons do they provide us, if any for the future?
3. Try to delimit size and describe structure of the military robotic market. What will the robotics industry look like 20 years from now? Choose some example of firms which produce military robots. Bring out their history, market share, production and so on.
4. Try to generally describe the economics aspect of military robotics. What are advantages and disadvantages of military robotics from economic point of view?
5. Try to describe the development of military spending on military robots introducing to theatre. What are planned expenditure on research, development and production of military robots?
6. Choose some examples of military robots and describe them. Devote the attention on their research and development, development costs, unit costs, usage, production difficulties and so on. This question can be chosen more than once.
7. Usage of military robots in war theatre is on the rise. Try to describe military robots usage in present operations in Iraq and Afghanistan. Characterize the field of their activity, show us the examples (i.e. show some successful stories). This question can be chosen more than once.

## Study Resources

1. SINGER Peter., W. Wired for War (Robotic Revolution and Conflict in the Twenty First Century). London: Penguin, 2009. p. 34 ISBN 978-1-59420-198-1
2. KRČ, Miroslav, Vojensko-ekonomické myšlení (Evropský středověk, merkantilismus, fyziokratismus). Brno: Univerzita obrany, 2008. s.22 ISBN 978-80-7231-224-5
3. COOPER, Richard V.L. and ROLL, Charles, Robert, Jr., The Allocation of Military Resources: Implications For Capital-Labor Substitution. Santa Monica: Rand Corporation, 1974. p. 5-6
4. HOLMAN Robert, Mikroekonomie (Středně pokročilý kurz), Praha: C.H. Beck, 2002. p.173-180. ISBN 80-7179-737-5

## Additional Study Resources

1. VAN TUYLL, Hubert., BRAUER, Jurgen. Colonizing Military History: A Millennial View on the Economics of War. Accessible on:  
[http://www.stonegardeneconomics.com/pubs/2003\\_vanTuyll\\_Brauer\\_DPE\\_v14n3.pdf](http://www.stonegardeneconomics.com/pubs/2003_vanTuyll_Brauer_DPE_v14n3.pdf)
2. <http://www.chinamarketresearchreports.org/military-robots-and-unmanned-vehicles-market-shares-strategies-and-forecasts-worldwide-2010-to-2016/>
3. HALL, Abigail R., COYNE, Christopher J. The Political Economy of Drones, Defence and Peace Economics, (2013). Accessible on:  
<http://dx.doi.org/10.1080/10242694.2013.833369>