

**Analysis of machine production processes by risk assessment approach**  
Mahmood, Kashif; Ševtšenko, Eduard Journal of machine engineering 2015 / p. 112-124 : ill

**Combination of end-of-life strategies for extension of industrial equipment life cycle**  
Baškite, Viktoria; Moseichuk, Vadim; Karaulova, Tatjana Journal of machine engineering 2010 / 4, p. 76-88

**Decision analysis in project management process**  
Kramarenko, Sergei; Ševtšenko, Eduard; Karaulova, Tatjana; Wang, Y. Journal of machine engineering 2008 / 2, p. 104-111

**Digital Twin : industrial robot kinematic model integration to the virtual reality environment**  
Kuts, Vladimir; Cherezova, Natalia; Sarkans, Martinš; Otto, Tauno Journal of machine engineering 2020 / p. 53–64  
<https://doi.org/10.36897/jme/120182> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Digital twin based synchronised control and simulation of the industrial robotic cell using virtual reality**  
Kuts, Vladimir; Otto, Tauno; Tähemaa, Toivo; Bondarenko, Yevhen Journal of machine engineering 2019 / p. 128–145 : ill  
<https://doi.org/10.5604/01.3001.0013.0464> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Digitalisation of Supply Chain management system for customer quality service improvement**  
Ševtšenko, Eduard; Maas, Rene; Murumaa, Lea; Karaulova, Tatjana; Raji, Oluwole Ibrahim; Popell, Janek Journal of machine engineering 2022 / p. 78-90 : ill <https://doi.org/10.36897/jme/147803> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Do we need capabilities in our management system?**  
Kangilaski, Taivo; Ševtšenko, Eduard Journal of machine engineering 2017 / p. 88-100 : ill  
[http://www.not.pl/wydawnictwo/abstract\\_2017\\_en.html](http://www.not.pl/wydawnictwo/abstract_2017_en.html)

**IDSS as a tool for project management in a collaborative network of SME-s**  
Ševtšenko, Eduard; Karaulova, Tatjana; Kramarenko, Sergei; Wang, Y. Journal of machine engineering 2007 / 2, p. 96-104

**Increasing of rapid prototyping performance by 3D printing technologies**  
Sonk, Kaimo; Matsi, Birthe; Otto, Tauno; Roosimölder, Lembit Journal of machine engineering 2009 / 1S, p. 121-129

**Industrial collaborative robot digital twin integration and control using robot operating system**  
Diachenko, Danyl; Partyshev, Andriy; Pizzagalli, Simone Luca; Bondarenko, Yevhen; Otto, Tauno; Kuts, Vladimir Journal of Machine Engineering 2022 / p. 57 - 67 <https://doi.org/10.36897/jme/148110> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Intelligent functions development on autonomous electric vehicle platform**  
Wang, Ruxin; Sell, Raivo; Rassõlkin, Anton; Otto, Tauno; Malayjerdi, Ehsan Journal of machine engineering 2020 / p. 114-125  
<https://doi.org/10.36897/jme/117787> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Knowledge based manufacturing systems**  
Baškite, Viktoria; Moseichuk, Vadim; Karaulova, Tatjana Journal of machine engineering 2009 / 4, p. 94-106

**Knowledge representation and their applying to fixture design**  
Nekrassov, Grigori; Portjanski, Leonid Journal of machine engineering 2008 / 4, p. 99-110 : ill

**Manufacturing projects cash-flow dynamics and risk management**  
Ševtšenko, Eduard; Karaulova, Tatjana; Kramarenko, Sergei; Wang, Y. Journal of machine engineering 2009 / 1, p. 91-102  
<https://bibliotekanauki.pl/articles/971240>

**Methods for enhancing productivity and work efficiency in the workshop**  
Riives, Jüri; Otto, Tauno; Lõun, Kaia Journal of machine engineering 2007 / 2, p. 86-95

**Model based enterprise manufacturing capacity definition and product cost estimation for SME**  
Sahno, Jevgeni; Polyantchikov, Igor; Pribytkova, Marina; Ševtšenko, Eduard Journal of machine engineering 2011 / p. 23-34

**Parametric digital twin of autonomous electric vehicle transmission**  
Rassõlkin, Anton; Rjabtšikov, Viktor; Kuts, Vladimir; Kudelina, Karolina; Vaimann, Toomas; Kallaste, Ants; Partyshev, Andriy Journal of machine engineering 2021 / p. 5–14 <https://doi.org/10.36897/jme/134435> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Production intralogistics automation based on 3D simulation analysis**  
Mahmood, Kashif; Karjust, Kristo; Raamets, Tõnis Journal of machine engineering 2021 / p. 102-115 : ill  
<https://doi.org/10.36897/jme/137081> [Journal metrics at Scopus](#) [Article at Scopus](#)

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