

**Efficiency optimization of mini unmanned multicopter**

**Penkov, Igor; Aleksandrov, Dmitri** International review of aerospace engineering 2017 / p. 277-281 : ill

<https://doi.org/10.15866/irease.v10i5.12132> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Increasing of power characteristics of mini UAV helicopter by changing of its geometrical parameters**

**Aleksandrov, Dmitri; Penkov, Igor** Machines, technologies, materials : [virtual journal] 2012 / p. 30-32 : ill [http://trans-](http://trans-motauto.com/sbornik/2012/22.INCREASING%20OF%20POWER%20CHARACTERISTICS%20OF%20MINI%20UAV%20HELICOPTER%20BY%20CHANGING%20OF%20ITS%20GEOMETRICAL%20PARAMETERS.pdf)

[motauto.com/sbornik/2012/22.INCREASING%20OF%20POWER%20CHARACTERISTICS%20OF%20MINI%20UAV%20HELICOPTER%20BY%20CHANGING%20OF%20ITS%20GEOMETRICAL%20PARAMETERS.pdf](http://trans-motauto.com/sbornik/2012/22.INCREASING%20OF%20POWER%20CHARACTERISTICS%20OF%20MINI%20UAV%20HELICOPTER%20BY%20CHANGING%20OF%20ITS%20GEOMETRICAL%20PARAMETERS.pdf)

**Optimal gap distance between rotors of mini quadrotor helicopter**

**Aleksandrov, Dmitri; Penkov, Igor** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-

21st April 2012, Tallinn, Estonia. 1 2012 / p. 251-255 : ill

**Optimization of lift force of mini quadrotor helicopter by changing of gap size between rotors**

**Aleksandrov, Dmitri; Penkov, Igor** Mechatronic systems and materials IV 2013 / p. 226-231 : ill

<https://doi.org/10.4028/www.scientific.net/SSP.198.226> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

**Propeller shrouding influence on lift force of mini unmanned quadcopter**

**Penkov, Igor; Aleksandrov, Dmitri** International journal of automotive and mechanical engineering 2017 / p. 4486-4495 : ill

<https://doi.org/10.15282/ijame.14.3.2017.7.0354> [Journal metrics at Scopus](#) [Article at Scopus](#)