

**Development of the method for calculation of plates to ensure optimization of hull thickness**

**Gornostajev, Dmitri; Arjassov, Gennadi; Žigailov, Sergei** Mechatronic systems and materials VI 2015 / p. 796-801 : ill  
<https://doi.org/10.4028/www.scientific.net/SSP.220-221.796> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**High-efficiency internal combustion engine used in the unmanned aircraft**

**Tiimus, Kristjan; Murumäe, Mikk; Väljaots, Eero; Tamre, Mart** Mechatronic systems and materials VI 2015 / p. 928-933 : ill  
<https://doi.org/10.4028/www.scientific.net/SSP.220-221.928> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Measurement and analysis of human lower limbs movement parameters during walking**

**Žigailov, Sergei; Kuznetcov, Artem; Musalimov, Victor; Arjassov, Gennadi** Mechatronic systems and materials VI 2015 / p. 538-543  
: ill <https://doi.org/10.4028/www.scientific.net/SSP.220-221.538> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Modular multi-rotor helicopter platforms**

**Tiimus, Kristjan; Tamre, Mart** Mechatronic systems and materials VI 2015 / p. 110-115 : ill  
<https://doi.org/10.4028/www.scientific.net/SSP.220-221.110> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Motion and energy efficiency parameters of the unmanned ground vehicle**

**Väljaots, Eero; Sell, Raivo; Kaeeli, Mati** Mechatronic systems and materials VI 2015 / p. 934-939 : ill  
<https://doi.org/10.4028/www.scientific.net/SSP.220-221.934> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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**Corral, Eduardo; Arjassov, Gennadi; Meneses, Jesus** Mechatronic systems and materials VI 2015 / p. 774-780  
<https://doi.org/10.4028/www.scientific.net/SSP.220-221.774> [Conference proceedings at Scopus](#) [Article at Scopus](#)