

A method to improve instationary force error estimates for undulatory swimmers

Tuhtan, Jeffrey Andrew; Toming, Gert; Ruuben, Toomas; Kruusmaa, Maarja Underwater technology 2016 / p. 141-151 : ill
<https://doi.org/10.3723/ut.33.141>

Acoustic noise pattern detection and identification method in Doppler system

Berdnikova, Julia; Ruuben, Toomas; Kozevnikov, V.; Astapov, Sergei Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 65-68 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/2632>

Acoustic noise pattern detection and identification method in doppler system

Berdnikova, Julia; Ruuben, Toomas; Kozevnikov, Valeri; Astapov, Sergei Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 13-16 : ill

Advanced FFT and block-phase beamforming for sensor arrays

Ruuben, Toomas Proceedings of the conference "Undersea Defense Technology Europe 2005" : June 21-23, 2005, Amsterdam 2005 / p. ?

Data post-processing algorithms for active forward-looking sonar system

Berdnikova, Julia; Kozevnikov, V.; Ruuben, Toomas; Raja, Aimur Elektronika ir elektrotehnika = Electronics and electrical engineering 2011 / p. 43-46 : ill

High resolution multi-beam sonar [Electronic resource]

Arro, Ilmar; Portsmouth, Raivo; Ruuben, Toomas UDT Europe 2000 : conference proceedings 2000 / [6] p. : ill. [CD-ROM]

Improved mitigation of self-phase modulation induced impairments in 28 GBaud phase-sensitive amplified links

Astra, Egon; Eliasson, Henrik; Ruuben, Toomas; Andrekson, Peter Avo Optics express 2019 / p. 4304-4316 : ill
<https://doi.org/10.1364/OE.27.004304> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mobiilsed sisuteenused ja GSM-tehnoloogiad

Ruuben, Toomas A & A 2004 / 1, lk. 21-27 : ill

Mobiilsed sisuteenused ja USSD-tehnoloogia

Ruuben, Toomas A & A 2004 / 3, lk. 34-44

Multibeam sonar with spread spectrum signals

Arro, Ilmar; Ruuben, Toomas; Koževnikov, Valeri UDT Europe 2001 : Undersea Defence Technology : conference and exhibition : Hamburg, 26-28 June, 2001 : conference proceedings 2001 / [6] p

Optimal waveform selection for software defined data acquisition system

Ruuben, Toomas; Berdnikova, Julia; Mürsepp, Ivo; Madar, Urve Proceedings of the Fourth European Conference on Antennas and Propagation : EuCAP 2010 : Barcelona, Spain, 12-16 April 2010 2010 / p. 3268-3272

Probe signals with nonrectangular envelope

Mürsepp, Ivo; Berdnikova, Julia; Ruuben, Toomas; Madar, Urve Elektronika ir elektrotehnika = Electronics and Electrical Engineering 2010 / 5, p. 99-102 : ill

Resolution and Doppler tolerance of cognitive system waveforms

Berdnikova, Julia; Ruuben, Toomas; Mürsepp, Ivo; Lossmann, Eerik Elektronika ir elektrotehnika = Electronics and electrical engineering 2010 / 7, p. 101-104 : ill

Route planning in asymmetric military environments

Ruuben, Toomas; Kreison, Ove 2013 Second International Conference on Future Generation Communication Technology (FGCT) : December 12-14, 2013, City Conference Center, Holborn, London 2013 / p. 73-80 : ill

Sniper line-of sight calculations for route planning in asymmetric military environments

Kreison, Ove; Ruuben, Toomas Modelling and Simulation for Autonomous Systems : Third International Workshop, MESAS 2016, Rome, Italy, June 15-16, 2016 : revised selected papers 2016 / p. 359-370 : ill http://dx.doi.org/10.1007/978-3-319-47605-6_29

SNR estimation in HF communications channel

Ruuben, Toomas; Meister, Mari-Anne; Lossmann, Eerik; Berdnikova, Julia; Madar, Urve 6th European Conference on Antennas and Propagation (EUCAP) 2012 / p. 2013-2015 : ill <https://ieeexplore.ieee.org/document/6205874>

Software defined short-range naval surveillance radar

Taklaja, Andres; Madar, Urve; Mürsepp, Ivo; Ruuben, Toomas; Berdnikova, Julia Software Defined Radar : proceedings of the NATO Research & Technology Organisation (RTO) : SET-136 Specialist Meeting on "Software Defined Radar" : Lisbon (Portugal), June 23-25, 2009 2009 / ? p

Some method of signal processing and beamforming in hydrographic applications

Ruuben, Toomas; Derkatš, Julia Elektronika ir elektrotehnika = Electronics and electrical engineering 2008 / 6, p. 27-32 : ill

Some signal processing aspects in software defined radios

Meister, Ants; Ruuben, Toomas Elektronika ir elektrotehnika = Electronics and electrical engineering 2008 / 4, p. 97-100 : ill

The dynamics of signals with spread spectrum in sensor arrays [Electronic resource]

Ruuben, Toomas UDT Europe 2002 : Undersea Defence Technology : conference and exhibition 2002 / [9] p. [CD-ROM]

The dynamics of signals with spread spectrum in sensor arrays, some aspects of digital beamforming

Ruuben, Toomas 2nd European Conference on Antennas and Propagation : EuCAP 2007 : 11-16 November 2007 EICC, Edinburgh, UK 2007 / [8] p. : ill <https://ieeexplore.ieee.org/document/4458732>

The influence of the changes of wave propagation speed on sensor arrays [Electronic resource]

Ruuben, Toomas UDT Europe 2003 : Undersea Defence Technology : conference & exhibition, Malmö, Sweden, 24-26 June 2003 : conference proceedings 2003 / [10] p. : ill. [CD-ROM]

Transmission fiber nonlinearity mitigation in optical communication links using phase-sensitive parametric amplifiers = Edastusfiibri mittelineaarsete mõjutuste vähendamine optilistes sidesüsteemides faasitundlike parameetriliste võimendite abil

Astra, Egon 2019 <https://digikogu.taltech.ee/et/Item/2a85df1e-6c58-45ef-8814-29510894bfc3>

Wideband digital beamforming in sonar systems = Suunadiagrammide digitaalne formeerimine laiaribalistes sonarsüsteemides

Ruuben, Toomas 2009 https://www.ester.ee/record=b2498198*est