

### **Adapting a regional geoid model to national geodetic infrastructure and conventions [Online resource]**

Oja, Tõnis; **Märdla, Silja; Ellmann, Artu**; Rüdja, Andres 1st Joint Commission 2 and IGFS Meeting International Symposium on Gravity, Geoid and Height Systems 2016 : September 19-23, 2016, Thessaloniki, Greece : program 2016 / [2] p  
<http://gghs2016.com/search/?entry=958>

### **Atmosfääri õhumasside jaotuvuse mõju gravitatsioonivälja muutustele**

**Maasik, Voldemar; Lump, Nikolai** Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1968 / lk. 335-340 : ill [https://www.ester.ee/record=b1264310\\*est](https://www.ester.ee/record=b1264310*est)

### **Comparison of least squares modifications of stokes's and hotine's formula using pointwise and gridded gravity data ; S3-P16**

Sakil, Fatima Feyza; Erol, Serdar; Isik, M. Serkan; Erol, Bihter; **Ellmann, Artu** International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 75

### **Die Ausbereitung der skalaren Kugelwellen bis zur 2. Näherungsordnung im Gravitationsfeld mit Quadrupolstruktur**

**Mankin, Romi** Astronomische Nachrichten 1982 / S. 201-210 [https://www.ester.ee/record=b4721313\\*est](https://www.ester.ee/record=b4721313*est)

### **From discrete gravity survey data to a high-resolution gravity field representation in the Nordic-Baltic region**

**Märdla, Silja**; Agren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** Marine geodesy 2017 / p. 416-453 : ill  
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### **From discrete gravity survey data to a high-resolution gravity field representation in the Nordic-Baltic region [Online resource]**

**Märdla, Silja**; Agren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** 1st Joint Commission 2 and IGFS Meeting International Symposium on Gravity, Geoid and Height Systems 2016 : September 19-23, 2016, Thessaloniki, Greece : program 2016 / [2] p  
<http://gghs2016.com/presentation-info/?presentation=719>

### **Improving regional gravity field and geoid modelling by various use of global geopotential models [Online resource]**

**Märdla, Silja; Ellmann, Artu**; Oja, Tõnis; Agren, Jonas 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 2015 2015 / [1] p

### **Kosmosetehnoloogia rakendused geodi ja gravitatsioonivälja täpsustamiseks Eesti alal**

**Ellmann, Artu**; Oja, Tõnis; Jürgenson, Harli Geodeet 2011 / lk. 22-25 : ill

### **Kosmosetehnoloogilised rakendused geodi ja gravitatsioonivälja modelleerimiseks Eesti alal**

**Ellmann, Artu** Tallinna Tehnikaülikooli aastaraamat 2008 2009 / lk. 99-110 : ill

### **Maa raskuskiirenduse välja mõjust täppisnivelleerimise tulemustele klintastangu näitel**

**Talvik, Silja; Ellmann, Artu**; Oja, Tõnis Geodeet 2012 / lk. 19-22 : ill

### **Modelling the influence of terraced landforms to the Earth's gravity field**

**Märdla, Silja**; Oja, Tõnis; **Ellmann, Artu**; Jürgenson, Harli Gravity, Geoid and Height Systems : proceedings of the IAG Symposium GGHS2012, October 9-12, 2012, Venice, Italy 2014 / p. 157-162 : ill

### **On the development of the new Nordic gravimetric geoid model NKG2015**

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### **Precise levelling data processing near terraced landforms**

**Märdla, Silja** Geodesy and cartography 2014 / p. 51-57 : ill

### **Raskuskiirenduse anomaalvälja ja geodi mudelpinna täpsustamine Eestis**

**Ellmann, Artu**; Oja, Tõnis; All, Tarmo; Jürgenson, Harli; Kall, Tarmo; Liibusk, Aive Tartu Ülikooli Ilmade Observatooriumi 150. aastapäeva konverentside artiklid 2016 / lk. 152-164 : ill

### **Regional models of the gravity field from terrestrial gravity data of heterogeneous quality and density [Electronic resource]**

**Märdla, Silja**; Oja, Tõnis; **Ellmann, Artu**; Jürgenson, Harli Geophysical research abstracts 2014 / p. EGU2014-168. [CD-ROM]

### **Report on modern marine gravity data for selected areas of southern and eastern Baltic Sea**

Wilde-Piorko, Monika; Bilker-Koivula, Mirjam; Dykowski, Przemysław; **Ellmann, Artu**; Kaminskis, Janis; Lieipinš, Ivars; Lapinski, Kamil; Michałowski, Rafal; Nilsson, Tobias; Olsson, Per-Anders 2023 [https://interreg-baltic.eu/wp-content/uploads/2023/10/report\\_modern\\_final.pdf](https://interreg-baltic.eu/wp-content/uploads/2023/10/report_modern_final.pdf)

### **Scalar wave equation in a weak static gravitational field**

**Mankin, Romi;** Piir, Ivar Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1983 / lk. 157-164  
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### **Status of the FAMOS collaboration to improve the Baltic Sea gravity data and geoid model ; S3-O2**

Agren, Jonas; Olsson, Per-Anders; Schwabe, Joachim; **Ellmann, Artu** International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 42

### **Taevalaotuse atraktiivseim satelliit**

**Ellmann, Artu** Horisont 2010 / 4, lk. 18-24 : ill [https://artiklid.elnet.ee/record=b2153594\\*est](https://artiklid.elnet.ee/record=b2153594*est)

### **3D modelling of the Onega Basin, northwestern Russia, from gravity and magnetic data and borehole information**

Frey, Matthias; Ebbing, Jörg; **Lepland, Aivo** Norwegian journal of geology 2018 / 12 p. : ill <https://dx.doi.org/10.17850/njg98-4-03>

### **Using high-resolution spectral models of gravity anomaly for computing stochastic modifications of Stokes's formula**

**Ellmann, Artu** Computers & geosciences 2012 / p. 188-190 : ill

### **Луч света в гравитационном поле**

Otsmann, T.; **Silde, Oskar** XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 1, Общественные науки. Физико-математические науки. Строительство. Экономика 1981 / с. 75 [https://www.esther.ee/record=b1322624\\*est](https://www.esther.ee/record=b1322624*est)

### **О моделировании поведения горного массива как энергетической системы**

**Talve, Leo** Труды по горному делу : сборник статей. 5 1970 / с. 3-24 : илл [https://www.esther.ee/record=b2189953\\*est](https://www.esther.ee/record=b2189953*est)  
<https://digikogu.talteh.ee/et/item/2e726ce2-ec9d-4f82-a439-126074f1461a/>

### **О нарушении принципа Гюйгенса в слабом гравитационном поле : автореферат... кандидата физико-математических наук (01.04.02)**

**Mankin, Romi** 1974 [http://www.esther.ee/record=b1306423\\*est](http://www.esther.ee/record=b1306423*est)