

**Akadeemik Aleksander Poleššuk : (1863-1944)**

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**An attempt for an Amazon geoid model using Helmert gravity anomaly**

Blitzkow, D.; Matos, A.C.O.C.de; Campos, I.O.; **Ellmann, Artu**; Vanicek, P.; Santos, M.C. Observing our changing Earth : proceedings of the 2007 IAG General Assembly : Perugia, Italy, July 2-13, 2007 2009 / p. 187-194 : ill  
[https://www.researchgate.net/publication/226489398\\_An\\_Attempt\\_for\\_an\\_Amazon\\_Geoid\\_Model\\_Using\\_Helmert\\_Gravity\\_Anomaly](https://www.researchgate.net/publication/226489398_An_Attempt_for_an_Amazon_Geoid_Model_Using_Helmert_Gravity_Anomaly)

**Ansätze zu einer expansionistischen Kinematik**

Nuut, Jüri 1935 [https://www.esther.ee/record=b1708320\\*est](https://www.esther.ee/record=b1708320*est)

**Astanguliste pinnavormide mõjust Maa raskuskiirenduse väljale Põhja-Eesti klintranniku näitel**

Talvik, Silja; **Ellmann, Artu**; Oja, Tõnis Geodeet 2012 / lk. 10-18 : ill

**Dense gravity currents in rotating, up-sloping and converging channel**

Cuthbertson, Alan; Davies, Peter; **Laanearu, Janek**; Wahlin, Anna Proceedings of VII International Symposium on Stratified Flows (ISSF2011), 22nd-26th of August, Rome, Italy 2011  
[https://www.researchgate.net/publication/283792789\\_Dense\\_Gravity\\_Currents\\_in\\_a\\_Rotating\\_Up-sloping\\_Converging\\_Channel](https://www.researchgate.net/publication/283792789_Dense_Gravity_Currents_in_a_Rotating_Up-sloping_Converging_Channel)

**Donward continuation of airborne gravity data [Electronic resource]**

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**Evaluation results of the Earth gravitational model EGM08 over the Baltic countries**

**Ellmann, Artu**; Kaminskis, J.; Parseliunas, E.; Jürgenson, Harli; Oja, Tõnis Newton's bulletin 2009 / 4, External quality evaluation reports of EGM08, p. 110-121 : ill

**Far-zone contributions to the gravity field quantities by means of Molodensky's truncation coefficients**

Tenzer, Robert; Novak, Pavel; Prutkin, Ilya; **Ellmann, Artu**; Vajda, Peter Studia geophysica et geodaetica 2009 / p. 157-167 : ill  
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**Geodesic multiplication and geodesic translations as a generalization of Poincare shifts**

Kuusk, Piret; Örd, Jüri; **Paal, Eugen** 15th International Conference on General Relativity and Gravitation, Pune, India, 16.-21. December 1997 : abstracts 1998 / [1] p

**Geodesic multiplication and the theory of gravity**

Kuusk, Piret; Örd, Jüri; **Paal, Eugen** Journal of mathematical physics 1994 / 1, p. 321-334

**Geoid modeling by the least squares modification of Hotine's and Stokes' formulae using non-gridded gravity data**

Sakil, Fatma Feyza; Erol, Serdar; **Ellmann, Artu**; Erol, Bihter Computers & geosciences 2021 / art. 104909

<https://doi.org/10.1016/j.cageo.2021.104909> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Global ellipsoid-referenced topographic, bathymetric and stripping corrections to gravity disturbance**

Vajda, Peter; **Ellmann, Artu**; Meurers, B.; Vanicek, P.; Novak, Pavel; Tenzer, Robert Studia geophysica et geodaetica 2008 / 1, p. 19-34 <https://link.springer.com/article/10.1007/s11200-008-0003-5>

**Gravity disturbances in regions of negative heights : a reference quasi-ellipsoid approach**

Vajda, Peter; **Ellmann, Artu**; Meurers, B.; Vanicek, P.; Novak, Pavel; Tenzer, Robert Studia geophysica et geodaetica 2008 / 1, p. 35-52 : ill <https://link.springer.com/article/10.1007/s11200-008-0004-4>

**Gravity surveys on large icecovered lakes in Estonia [Electronic resource]**

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**Harmonic continuation and gravimetric inversion of gravity in areas of negative geodetic heights**

Vajda, Peter; **Ellmann, Artu**; Meurers, B.; Vanicek, P.; Novak, Pavel; Tenzer, Robert Gravity, Geoid and Earth Observation : IAG Commission 2: Gravity Field, Chania, Crete, Greece, 23-27 June 2008 2010 / p. 25-30 : ill

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**Improving the terrestrial gravity dataset in South-Estonia [Electronic resource]**

Oja, Tõnis; Gruno, Anti; Bloom, Ahti; Mäekivi, E.; **Ellmann, Artu**; All, Tarmo; Jürgenson, Harli; Michelson, M. Geophysical research abstracts 2009 / p. EGU2009-10997 [CD-ROM]

**The influence of bathymetry on regional marine geoid modeling in Northern Europe**

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## Influence of the gravitational attraction of terraced landforms to precise levelling results

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## Insights on the tectonic styles across Estonia using satellite potential fields derived from WGM-2012 gravity data and EMAG2 magnetic data

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## Interrelation between the geoid and orthometric heights

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## Numerical modelling of the bottom gravity currentinan obstrucedchannel with trapezoidalcross-section

**Laanearu, Janek; Kaur, Katrin; Malcangio, Daniela; Cuthbertson, Alan; Adduce, Claudia; De Falco, Maria Chiara; Negretti, Eletta; Sommeria, Joel** 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 247-248 <https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

## On ambiguities in definitions and applications of Bouguer gravity anomaly

**Vajda, Peter; Vanicek, P.; Novak, Paul; Tenzer, Robert; Ellmann, Artu; Meurers, B.** Gravity, Geoid and Earth Observation : IAG Commission 2: Gravity Field, Chania, Crete, Greece, 23-27 June 2008 2010 / p. 19-24 : ill [https://link.springer.com/chapter/10.1007/978-3-642-10634-7\\_3](https://link.springer.com/chapter/10.1007/978-3-642-10634-7_3)

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## On the possibility of convective overturning in the Słupsk Furrow overflow of the Baltic Sea

**Zhurbas, Victor; Elken, Jüri; Paka, Vadim; Piechura, Jan; Chubarenko, Irina; Väli, Germo; Golenko, Nikolay; Shchuka, Sergey** Oceanologia 2011 / p. 771-791 : ill <https://www.sciencedirect.com/science/article/pii/S0078323411500235>

## Operadic deformation as a tool for cogravity

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### Possibilities of using Estonian gravity data

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**Väli, Germo**; Zhurbas, Victor Фундаментальная и прикладная гидрофизика 2021 / p. 122-129  
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### **The relation between the rigorous and Helmert's definitions of orthometric heights**

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