

### **Analysis and improvement of a perturbation solution for hydraulic flow in a rotating parabolic channel**

**Laanearu, Janek;** Lundberg, Peter Zeitschrift für angewandte Mathematik und Mechanik 2005 / 7, p. 490-498 : ill

[https://www.academia.edu/58024357/Analysis\\_and\\_improvement\\_of\\_a\\_perturbation\\_solution\\_for\\_hydraulic\\_flow\\_in\\_a\\_rotating\\_parabolic\\_channel](https://www.academia.edu/58024357/Analysis_and_improvement_of_a_perturbation_solution_for_hydraulic_flow_in_a_rotating_parabolic_channel)

### **Analysis of the hydrodynamic forces in pneumatic and hydraulic systems using ANSYS & FLOTRAN**

Grigas, V.; Žiliukas, P. Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 144-147: ill

### **Anwendung der Mehrpol- und Signalfussgraphentheorien zur Berechnung des dynamischen Verhaltens der Ölhydrauliksysteme**

**Grossschmidt, Gunnar** 3. Fachtagung Hydraulik und Pneumatik mit internationaler Beteiligung (RGW) vom 18.-19. April 1979 in Dresden, DDR 1979 / S. 33-44

### **Ausblick : Quo vadis Ethohydraulik – welche Entwicklungen gibt es?**

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 45-59 [https://doi.org/10.1007/978-3-658-32824-5\\_4](https://doi.org/10.1007/978-3-658-32824-5_4)

### **Blockschema zusammenstellung der hydromechanischen Systeme am Mehrpolmodelle der Funktionalelemente**

**Grossschmidt, Gunnar; Vanaveski, Jüri; Pahapill, Jaak** Hydraulik und Pneumatik, (7.1987) : Fachtagung mit internationaler Beteiligung (RGW) vom 3.-4. November 1987 in Dresden 1987 / S. 138-146

### **Capacity reliability of water distribution systems**

**Vaabel, Joonas; Koppel, Tiit; Ainola, Leo;** Sarv, Laur Journal of Hydroinformatics 2014 / p. 731-741

<https://doi.org/10.2166/hydro.2013.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **General discussion on the subject "Microturbulent diffusion and dispersion"**

**Aitsam, Ain** [XII IAHR congress] : twelfth congress of the International Association for Hydraulic Research, Fort Collins, September 11 - 14, 1967 ; proceedings : 5 : Opening events at the congress, reports by general reporters, special lectures at the congress, and discussions of papers and seminar communications at technical sessions 1967 / p. [537-542]

### **Characteristics of a hydraulic system with electro-hydraulic servo-valve controlled cylinder**

**Grossschmidt, Gunnar; Vanaveski, Jüri** Advanced Mechatronics : first-time-right : proceedings of the ICMA'98 / 2nd International Conference on Machine Automation : September 15-18, 1998, Tampere, Finland. Vol. 1 1998 / p. 311-323

### **Computer modelling of airplane electro-hydraulic aileron position control**

**Grossschmidt, Gunnar; Pahapill, Jaak** International Workshop on Trends in Hydraulic and Pneumatic Components and Systems, November 8-9, 1994 , Chicago, Illinois : an integral part of the program of the 1994 ASME International Congress & Exposition. Vol. 2, Poster papers / IFAC 1994 / 15 p

### **Computer modelling of hydraulic systems using the NUT language and programming environment**

**Grossschmidt, Gunnar; Pahapill, Jaak; Züger, Armin** The Fourth Scandinavian International Conference on Fluid Power : proceedings of the conference, Tampere, Finland, September 26-29, 1995. Vol. 1 1995 / p. 336-345: ill

### **Computing the dynamic response of hydraulic systems using knowledge-based programming**

**Grossschmidt, Gunnar; Pahapill, Jaak** Modelling and simulation : Sixth Bath International Fluid Power Workshop, held at the University of Bath, England, 23rd-24th September 1993 1994 / p. 116-129: ill

### **Database driven hydraulic model creation procedure**

**Koor, Margus; Puust, Raido; Vassiljev, Anatoli; Koppel, Tiit** WDSA 2012 : 14th Water Distribution Systems Analysis Conference : 24-27 September 2012 in Adelaide, South Australia 2012 / p. 407-414

[https://www.researchgate.net/publication/289399341\\_Database\\_driven\\_hydraulic\\_model\\_creation\\_procedure](https://www.researchgate.net/publication/289399341_Database_driven_hydraulic_model_creation_procedure)

### **Determination of water distribution network resistance coefficient and hydraulic capacity**

**Vaabel, Joonas; Koppel, Tiit; Sarv, Laur; Annus, Ivar** Procedia engineering 2014 / p. 679-684 : ill

<https://doi.org/10.1016/j.proeng.2014.11.494> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Discussion on the subject "Microturbulent diffusion and dispersion"**

**Aitsam, Ain** [XII IAHR congress] : twelfth congress of the International Association for Hydraulic Research, Fort Collins, September 11 - 14, 1967 ; proceedings : 5 : Opening events at the congress, reports by general reporters, special lectures at the congress, and discussions of papers and seminar communications at technical sessions 1967 / p. [572-578]

### **Dnipro ja Narva jõe tammid - murekohad mõlemad [Võrguväljaanne]**

Strandberg, Marek Postimees 2022 / Lk. 28-29 [Dnipro ja Narva jõe tammid - murekohad mõlemad](#)

### **Ecohydraulics of river flow alterations and impacts on freshwater fish**

Boavida, Isabel; Díaz-Redondo, Maria; **Fuentes-Pérez, Juan Francisco**; Hayes, Daniel S.; Jesus, Joaquim; Moreira, Miguel; Belmar, Oscar; Vila-Martínez, Nùria; Palau-Nadal, Antoni; Costa, Maria João *Limnetica* 2020 / p. 213-232  
<https://doi.org/10.23818/limn.39.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Eessõna

**Velner, August** Hüdraulika. I : Tallinna Tehnikumi sügissemestril 1923. a. ettekantud loengute konspekt 1924 / lk. 5-6  
[https://www.ester.ee/record=b1533649\\*est](https://www.ester.ee/record=b1533649*est)

**Effects of bottom-height changes on maximal exchange-flow estimates in channels with quadratic shape cross sections**  
**Laanearu, Janek**; Davies, Peter A.; **Koppel, Tiit** *Proceedings of 32nd Congress of IAHR : Venice, Italy, July 1-6, 2007* 2007 / ? p  
<https://www.iahr.org/library/infor?pid=15300>

## Ethohdraulik : Eine Methode für naturverträglichen Wasserbau

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** 2021 <https://doi.org/10.1007/978-3-658-32824-5>

## E-õpik "Numbrilised arvutusskeemid voolamise hüdraulikas"

Mente et Manu 2022 / lk. 61 : ill [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## Gravity currents in rotating, topographically-controlled channels

Cuthbertson, Alan; Davies, Peter A.; Chafik, Leon; Lundberg, Peter; **Laanearu, Janek**; Wahlin, Anna *Proceedings of 3rd International Symposium on Shallow Flows (ISSF) : June 4-6, 2012, Iowa City, IA, USA 2012* / p. 146-155 : ill  
[https://www.researchgate.net/publication/283791457\\_Gravity\\_Currents\\_in\\_Rotating\\_Topographically-controlled\\_Channels](https://www.researchgate.net/publication/283791457_Gravity_Currents_in_Rotating_Topographically-controlled_Channels)

## Hüdraulika : [kõrgkooli õpik]

**Tepaks, Leo** 1967 [https://www.ester.ee/record=b1351681\\*est](https://www.ester.ee/record=b1351681*est)

## Hüdraulika erikursuse ülesannete kogu

1985 [https://www.ester.ee/record=b1237575\\*est](https://www.ester.ee/record=b1237575*est)

## Hüdraulika. I : Tallinna Tehnikumi sügissemestril 1923. a. ettekantud loengute konspekt

**Velner, August** 1924 [https://www.ester.ee/record=b1533649\\*est](https://www.ester.ee/record=b1533649*est)

## Hüdraulika ja pumbad

Maastik, Aleksander; Haldre, Heiti; **Koppel, Tiit**; **Paal, Leopold** 1995 [https://www.ester.ee/record=b1068996\\*est](https://www.ester.ee/record=b1068996*est)

## Hüdraulika laboratoorsed tööd

1991 [https://www.ester.ee/record=b4208531\\*est](https://www.ester.ee/record=b4208531*est)

## Hüdraulika laboratoorsed tööd

1982 [https://www.ester.ee/record=b1273312\\*est](https://www.ester.ee/record=b1273312*est)

## Hüdraulika laboratoorsed tööd

1970 [https://www.ester.ee/record=b1339964\\*est](https://www.ester.ee/record=b1339964*est)

## Hüdraulika laboratoorsed tööd : [päevik]

1980 [https://www.ester.ee/record=b1266254\\*est](https://www.ester.ee/record=b1266254*est)

## Hüdraulika laboratoorsed tööd : [päevik]

1975 [https://www.ester.ee/record=b1310919\\*est](https://www.ester.ee/record=b1310919*est)

## Hüdraulika laboratoorsed tööd : [päevik]

1973 [https://www.ester.ee/record=b2396157\\*est](https://www.ester.ee/record=b2396157*est)

## Hüdraulika ülesannete kogu

1993 [http://www.ester.ee/record=b1064669\\*est](http://www.ester.ee/record=b1064669*est)

## Hüdraulika. 1

**Velner, August** 1926 [https://www.ester.ee/record=b1168222\\*est](https://www.ester.ee/record=b1168222*est)

## Hüdraulika. 2

**Velner, August** 1926 [https://www.ester.ee/record=b1192530\\*est](https://www.ester.ee/record=b1192530*est)

## Hüdrauliline dünamomeeter

**Teaste, Andri** *Tehnika ja Tootmine* 1989 / lk. 14-15 [https://www.ester.ee/record=b1073047\\*est](https://www.ester.ee/record=b1073047*est)

### **Hydraulic characteristics of test rig used in filling and emptying experiments of large-scale PVC pipeline**

**Laanearu, Janek;** Westende, Jos M.C. van't Proceedings of the HYDRALAB III Joint Transnational Access User Meeting : Hannover, February 2010 2010 / p. 5-8 : ill [https://hydralab.eu/uploads/proceedings/Delft-4\\_Laanearu.pdf](https://hydralab.eu/uploads/proceedings/Delft-4_Laanearu.pdf)

### **Hydraulic conductivity testing method for all-in aggregates and mining waste materials**

**Šommet, Julija; Pastarus, Jüri-Rivaldo; Sabanov, Sergei** 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 122-126 : ill

### **Hydraulic control of two-layer flow in "quadratic"-type channels**

**Laanearu, Janek;** Davies, Peter Journal of hydraulic research 2007 / 1, p. 3-12

### **Hydraulic formulae of two-layer exchange flow in an obstructed channel with trapezoidal cross-section**

**Laanearu, Janek;** Cuthbertson, Alan 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 245-246  
<https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

### **Hydraulic modelling challenges of river-basin restoration channels in some Estonian rivers**

**Laanearu, Janek** 10th International Symposium on Environmental Hydraulics 2024 : book of abstracts 2024 / 2 p

### **Hydraulic modelling of interfacial processes for two-layer maximal exchange**

**Laanearu, Janek;** Cuthbertson, Alan Proceedings of the 7th Europe Congress of the International Association for Hydro-environment Engineering and Research (IAHR), Athens, Greece, September 7 – 9, 2022 : Abstract Book 2022 / p. 305-306  
<https://www.erasmus.gr/microsites/1227/book-of-abstracts>

### **Hydraulic modelling of submerged oil spill including tanker hydrostatic overpressure**

**Sergejeva, Monika; Laanearu, Janek; Tabri, Kristjan** Analysis and design of marine structures : proceedings of the 4th International Conference on Marine Structures (MARSTRUCT 2013), Espoo, Finland, 25-27 March 2013 2013 / p. 209-217 : ill

### **Hydraulic power analysis for determination of characteristics of a water distribution system [Electronic resource]**

**Vaabel, Joonas; Ainola, Leo; Koppel, Tiit** 8th Annual Water Distribution Systems Analysis Symposium : proceedings of WDSA 2006 : [Cincinnati, Ohio, USA], August 27-30, 2006 2006 / [9] p. : ill. [CD-ROM]

### **Hydraulic power analysis of flows in water distribution network**

**Koppel, Tiit; Ainola, Leo; Vassiljev, Anatoli** CCWI 2005 : proceedings of the Eighth International Conference on Computing and Control for the Water Industry : Exeter, UK. Volume 1 2005 / p. 317-322

### **Hydraulic power capacity of water supply systems = Veevõrkude hüdrauline võimsus**

**Vaabel, Joonas** 2013 [https://www.ester.ee/record=b2970192\\*est](https://www.ester.ee/record=b2970192*est)

### **Hydraulic studies in estuaries**

Kivisild, Hans R. Engineering digest 1959 / p. 29-33: ill

### **Hydraulics of stratified sill flows within varying channel geometries : investigating energy loss and mixing of maximal two-layer exchange**

**Laanearu, Janek;** Cuthbertson, Alan Environmental fluid mechanics 2023 / p. 429-464 <https://doi.org/10.1007/s10652-022-09899-6>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Hydraulics of vertical-slot fishways: nonuniform profiles**

**Fuentes-Pérez, Juan Francisco; Tuhtan, Jeffrey Andrew;** Eckert, Mario; Romao, F.; Ferreira, Maria Teresa; **Kruusmaa, Maarja;** Branco, Paulo Journal of hydraulic engineering 2019 / p. 06018020-1 - 06018020-6 : ill [https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0001565](https://doi.org/10.1061/(ASCE)HY.1943-7900.0001565) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Improvements of series convergence to the rotating-channel flow problem using hydraulic solutions for a parabolic passage**

Lundberg, Peter; **Laanearu, Janek** Journal of hydraulic research 2018 / p. 313-323 : ill <https://doi.org/10.1080/00221686.2017.1354929>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Is the Baltic deep-water transport through the Stolpe trench hydraulically controlled?**

Borenäs, K.; Hietala, R.; **Laanearu, Janek;** Lundberg, Peter Abstract publications of the 23rd CBO, Helsinki, 2003. 1 2003 / p. 87

### **Mathematische Modelle zur Berechnung des statischen und dynamischen Verhaltens des hydraulischen Servoantriebe**

**Grossschmidt, Gunnar** Hydraulik und Pneumatik : 4. Fachtagung 1981 / S. 286-294

### **Methods of reduction of vibroactivity of hydraulic devices and pipes**

Berestovitsky, E.; Gladilin, U.; Pavlov, A. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration,

**Mittestatsionaarse voolamise uurimine Tallinna Tehnikaülikooli hüdraulika laboratooriumis**

**Liiv, Uno** Mehaanika meil ja mujal 1992 / lk. 163-173: ill [https://www.ester.ee/record=b1050590\\*est](https://www.ester.ee/record=b1050590*est)

**Model-based simulation of a hydraulic closed-loop rotary transmission with automatic control**

**Grossschmidt, Gunnar; Harf, Mait** International journal of fluid power 2021 / 42 p. : ill <https://doi.org/10.13052/ijfp.1439-9776.2212>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Model-based simulation of a hydraulic open-loop rotary transmission with automatic regulation of hydraulic motor (Part 1: Modelling)**

**Harf, Mait; Grossschmidt, Gunnar** ESM '2018 : The 2018 European Simulation and Modelling Conference, Modelling and Simulation : October 24-26, 2018, NH Gent Belfort, Ghent, Belgium : [Proceedings] 2018 / p. 63-68  
<https://www.eurosis.org/cms/files/proceedings/ESM/ESM2018contents.pdf>

**Model-based simulation of a hydraulic open-loop rotary transmission with automatic regulation of hydraulic motor (Part 2: Simulation)**

**Harf, Mait; Grossschmidt, Gunnar** ESM '2018 : The 2018 European Simulation and Modelling Conference, Modelling and Simulation : October 24-26, 2018, NH Gent Belfort, Ghent, Belgium : [Proceedings] 2018 / p. 69-73  
<https://www.eurosis.org/cms/files/ESM2018FINPROG.pdf>

**Modeling and simulation of hydraulic systems in NUT programming environment**

**Grossschmidt, Gunnar; Harf, Mait** Viertes Deutsch-Polnisches Seminar : Innovation und Fortschritt in der Fluidtechnik : 20.-21. September 2001 in Sopot 2001 / p. 329-348 : ill

**Modelling and simulation of a hydraulic load-sensing system in the CoCoViLa environment**

**Grossschmidt, Gunnar; Harf, Mait** Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [1] 2008 / p. 83-88 : ill  
[https://www.researchgate.net/publication/265539017\\_Modelling\\_and\\_simulation\\_of\\_a\\_hydraulic\\_loadsensing\\_system\\_in\\_the\\_cocovila\\_environment](https://www.researchgate.net/publication/265539017_Modelling_and_simulation_of_a_hydraulic_loadsensing_system_in_the_cocovila_environment)

**Modelling and simulation of hydraulic load-sensing systems using object-oriented programming environment**

**Grossschmidt, Gunnar; Harf, Mait** Simulation in Wider Europe : 19th European Conference on Modelling and Simulation ECMS 2005 : June 1st-4th, Riga, Latvia 2005 / p. 605-609 : ill <https://www.scs-europe.net/services/ecms2005/pdf/se-10.pdf>

**Modelling and simulation of steady-state conditions of a hydraulic load-sensing system**

**Grossschmidt, Gunnar; Harf, Mait; Djurovic, Milan** International Scientific-technical Conference : Hydraulic and Pneumatics '2005 : Problems and Development Tendencies in the Beginning Decade of the 21st Century : Wroclaw, 17-19 maja 2005 2005 / p. 439-447 : ill

**Modulaufbau der mathematischen Modelle zur Berechnung der Frequenzkennlinien des hydraulischen Servoantriebes**

**Grossschmidt, Gunnar; Pahapill, Jaak** 5. Fachtagung Hydraulik und Pneumatik mit internationaler Beteiligung (RGW) vom 25. - 26. April 1983 in Dresden 1983 / S. 72-81

**Monitoring upstream fish passage through a bypass pipe and drop at the fish lift Runserau : comparing dynamic pressure measurements on live fish with passive electronic fish surrogates**

**Tuhtan, Jeffrey Andrew; Fuentes-Pérez, Juan Francisco; Angerer, Thomas; Schletterer, Martin** 2018 / 4 p. : ill  
<https://amber.international/event/12th-international-symposium-on-ecohydraulics-ise-2018/>  
<https://www.etis.ee/Portal/Publications/Display/909d1462-ad33-4f9e-a319-8718098cb63e>

**Multi-pole modelling and simulation of hydraulic chain elements**

**Grossschmidt, Gunnar; Vanaveski, Jüri; Harf, Mait** Прогрессивные технологии и системы машиностроения : международный сборник научных трудов 2000 / p. 210-216 : ill

**Multi-pole modelling and simulation of hydraulic chain systems**

**Grossschmidt, Gunnar; Vanaveski, Jüri; Harf, Mait** Машиностроение и техносфера на рубеже XXI века : сборник трудов VII международной научно-технической конференции : 11-17 сентября 2000 г. в городе Севастополе 2000 / p. 216-222 : ill

**NSV Liidu KHM hüdraulika teaduslik-metoodikanõukogu presiidium meie instituudis**

**Liiv, Uno** Tallinna Polütehnik : TPI parteikomitee, rektoraadi, komsomolikomitee, ametiühingukomitee häälekandja 1987 / lk. 2  
[https://www.ester.ee/record=b1254708\\*est](https://www.ester.ee/record=b1254708*est) <https://digikogu.taltech.ee/et/Item/78e270cb-a06a-41ae-974e-7c5c48fbed70>

**Numbrilised arvutuskeemid voolamise hüdraulikas**

**Laanearu, Janek; Piirsalu, Andres** 2022 [https://www.ester.ee/record=b5525227\\*est](https://www.ester.ee/record=b5525227*est) <https://digikogu.taltech.ee/et/Item/33c0c06f-f558-4025-a59b-2bb7b943c95e>

**Numerical analysis of air-water stratified flow in pipe with branch junctions**

**Laanearu, Janek** Proceedings of the 40th IAHR World Congress (Vienna, 2023) 2023 / p. 3196 - 3204 [https://doi.org/10.3850/978-90-833476-1-5\\_iahr40wc-p0353-cd](https://doi.org/10.3850/978-90-833476-1-5_iahr40wc-p0353-cd)

### **Numerical Application of Guided Wave Tomography Based on Full Waveform Inversion for a Pipe Bend**

**Rasgado Moreno, Carlos Omar; Ratassepp, Madis** ASME 2022 49th Annual Review of Progress in Quantitative Nondestructive Evaluation (QNDE2022) 2022 <https://event.asme.org/Events/media/library/resources/qnde/QNDE-2022-Final-Program.pdf> <https://qnde.secure-platform.com/a/solicitations/178/sessiongallery/11537/application/97567>

### **On hydraulic power capacity of water supply system**

**Koppel, Tiit; Ainola, Leo; Vaabel, Joonas** Integrating Water Systems : proceedings of the Tenth International Conference on Computing and Control in the Water Industry 2009 : CCWI2009 : Sheffield, UK, 1-3 September 2009 2009 / p. 551-555

### **Proceedings of the 9th Baltic Mechatronics Symposium, Tallinn, May 15, 2024**

2024 <https://aaltodoc.aalto.fi/server/api/core/bitstreams/6903c9fa-3834-4eb4-8a37-13efc0e5b2d2/content>

### **Programmpaket zur Modellierung der hydromechanischen Systeme**

**Grossschmidt, Gunnar; Pahapill, Jaak** Hydraulik und Pneumatik : 6. Fachtagung, 3. Teil 1985 / S. 614

### **Review of the analytical flow model to predict the hydraulic behaviour in electrical machine**

**Ghahfarokhi, Payam Shams; Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818271>

### **River-basin restoration hydraulic complexities in some Estonian rivers : Quadratic-type channel flow characteristics at weirs and rapids**

**Laanearu, Janek** 8th IAHR Europe Congress "Water - across boundaries" : full papers 2025 / p. 35-44  
<https://www.iahr2024.lnec.pt/proceedings> <http://doi.org/10.34638/3zcb-9082>

### **Simulation of hydraulic chains using multi-pole models in the NUT programming environment**

**Grossschmidt, Gunnar; Vanaveski, Jüri; Harf, Mait** Simulation and Modelling : Enablers for a Better Quality of Life : 14th European Simulation Multiconference 2000 : ESM'2000 : May 23-26, 2000, Ghent, Belgium 2000 / p. 709-713 : ill  
<https://dl.acm.org/doi/10.5555/647917.740018>

### **Simulation of hydraulic circuits in an intelligent programming environment (Part 1)**

**Grossschmidt, Gunnar; Harf, Mait** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [J] 2010 / p. 148-153 : ill

### **Simulation of hydraulic circuits in an intelligent programming environment (Part 2)**

**Grossschmidt, Gunnar; Harf, Mait** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [J] 2010 / p. 154-161 : ill

### **Siseveevõrkude hüdraulilisest arvutamisest**

**Säärekõnno, Jüri** Keskkonnatehnika 1999 / 2, lk. 7-9; 3, lk. 10-11 [https://artiklid.elnet.ee/record=b1000813\\*est](https://artiklid.elnet.ee/record=b1000813*est)

### **Some estimates of the Baltic deep-water transport through the Stolpe trench**

**Borenäs, K.; Hietala, R.; Laanearu, Janek; Lundberg, Peter** Tellus series A : dynamic meteorology and oceanography 2007 / 2, p. 238-248 <https://www.tandfonline.com/doi/abs/10.1111/j.1600-0870.2006.00221.x>

### **Zur Bedeutung bioinspirierter Messtechnik in der Ethohydraulik**

**Bensing, Katharina; Lehmann, Boris; Tuhtan, Jeffrey Andrew; Toming, Gert** Wasserwirtschaft 2024 / p. 26-33  
<https://doi.org/10.1007/s35147-024-2412-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The role of hydraulic factors in water quality control**

**Paal, Leopold; Velner, Harald-Adam; Liiv, Uno; Rodziller, L.** Quinzième congrès de l'Association internationale de recherches hydrauliques : Istanbul, Türkiye, 1973 : recherche et développement dans l'hydrosphère = Fifteenth congress of the International association for hydraulic research : Istanbul, Türkiye, 1973 : research and practice in the water environment 1973 / p. 9-16

### **3D modelling of non-uniform and turbulent flow in vertical slot fishways**

**Fuentes-Pérez, Juan Francisco; Silva, A.T.; Tuhtan, Jeffrey Andrew; Garcia-Vega, Ana; Carbonell Baeza, Ruth; Musall, Mark; Kruusmaa, Maarja** Environmental modelling & software 2018 / p. 156-169 : ill <https://doi.org/10.1016/j.envsoft.2017.09.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Towards a reliable and validated toolbox to replace live fish tests for the assessment of injury and mortality during downstream passage**

**Hoerner, Stefan; Kösters, Wolf Irling; Abbaszadeh, Shokoofeh; Wagner, Falko; Tuhtan, Jeffrey Andrew** Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / p. 1 <https://hal.science/hal-04642604>

#### **Гидравлический расчет параболических русел**

**Терпакс, Лео** 1953 [https://www.ester.ee/record=b1393200\\*est](https://www.ester.ee/record=b1393200*est) <https://digikogu.taltech.ee/et/Item/08841c4d-811d-4dc1-a4f2-d3db74326ff0>

#### **Гидравлическое сопротивление при турбулентной фильтрации**

**Терпакс, Лео** 1956 [https://www.ester.ee/record=b1392224\\*est](https://www.ester.ee/record=b1392224*est) <https://digikogu.taltech.ee/et/Item/ec4f1e92-e107-4c1d-8940-2a381da1f622>

#### **Гидравлическое сопротивление труб в доквадратичной области**

**Терпакс, Лео** 1956 [https://www.ester.ee/record=b1392225\\*est](https://www.ester.ee/record=b1392225*est) <https://digikogu.taltech.ee/et/Item/094765b3-37af-4df4-a91e-a22f75e68882>

#### **Гидравлическое сопротивление водопроводных труб**

**Терпакс, Лео** 1958 [https://www.ester.ee/record=b1382035\\*est](https://www.ester.ee/record=b1382035*est) <https://digikogu.taltech.ee/et/Item/fe9d9e28-c273-4264-9f91-4591597a0fd4/>

#### **Transformation of sulphur compounds in a hydraulic ash-discharge unit**

**Mölder, Leevi; Elenurm, Alfred; Tamvelius, Hindrek** Proceedings of the Estonian Academy of Sciences. Chemistry 1998 / 1, p. 3-10: ill

#### **Uni- and bidirectional stratified flows in submerged openings of built environment = Ühe- ja kahesuunaline stratifitseeritud voolamine konstruktsioonipiirde uputatud avades**

**Kollo, Monika** 2018 <https://digi.lib.ttu.ee/i/?9257> [https://www.ester.ee/record=b4758708\\*est](https://www.ester.ee/record=b4758708*est)

#### **Untersuchungen der hydraulischen Characteristic der periodischen Rohrströmung**

**Kask, Endel** Hydraulik und Pneumatik, (3.1979) : Fachtagung mit internationaler Beteiligung (RGW) vom 18.-19. April 1979 in Dresden ; Vorträge, Bd. 3 1979 / S. 338-346

#### **Use of the rotating hydraulics for description of overflows through the Baltic Straits**

**Laanearu, Janek** The 2nd Meeting on the Physical Oceanography of Sea Straits, Villefranche, 15th-19th April 2002 2002 / p. 147-150 : ill

#### **Water distribution model for decision-making with updatable data links**

**Puust, Raido; Koor, Margus; Vassiljev, Anatoli** Journal of Water Supply: Research and Technology - AQUA 2015 / p. 596-609 : joon <http://dx.doi.org/10.2166/aqua.2014.038>

#### **Vene-eesti veesõnaraamat**

**Tibar, Harri; Maastik, Aleksander; Karu, Jaan; Mölder, Heino; Koppel, Tiit** 1990 [https://www.ester.ee/record=b1218771\\*est](https://www.ester.ee/record=b1218771*est)

#### **Vorwort**

**Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. VII-VIII <https://doi.org/10.1007/978-3-658-32824-5>

#### **Väävlühendite transformeerumise hüdraulilises tuhaeraldussüsteemis**

**Mölder, Leevi; Elenurm, Alfred; Rohtla, Ilme; Tamvelius, Hindrek** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 107-108

#### **Вопросы гидравлического моделирования процессов смешения**

**Paal, Leopold** Материалы V Всесоюзного научного симпозиума по современным проблемам самоочищения и регулирования качества воды, Таллин, 18-21 ноября 1975 г. Секция 1, Физические аспекты самоочищения рек и водоемов 1975 / с. 131-134 [https://www.ester.ee/record=b1327817\\*est](https://www.ester.ee/record=b1327817*est)

#### **Вопросы экспериментального исследования коэффициентов дисперсии**

**Ruga, Lembit** Материалы V Всесоюзного научного симпозиума по современным проблемам самоочищения и регулирования качества воды, Таллин, 18-21 ноября 1975 г. Секция 1, Физические аспекты самоочищения рек и водоемов 1975 / с. 153-160 : илл [https://www.ester.ee/record=b1327817\\*est](https://www.ester.ee/record=b1327817*est)

#### **Гидравлика и пневматика металлорежущих станков**

1977 [https://www.ester.ee/record=b1310667\\*est](https://www.ester.ee/record=b1310667*est) <https://digikogu.taltech.ee/et/Item/46fdec82-e232-4a24-b5b9-b8bf90ad4ba5>

#### **Гидравлические динамометры новой конструкции**

**Jürgenson, Aksel** Строительные конструкции и строительная физика. 1 1963 / с. 145-161 : илл [https://www.ester.ee/record=b2181827\\*est](https://www.ester.ee/record=b2181827*est) <https://digikogu.taltech.ee/et/Item/4f8bb93b-51f3-4d84-9ab1-07da67420b34>

#### **Гидравлическое сопротивление в руслах с неоднородной шероховатостью по периметру**

**Hääl, Maire-Liis; Терпакс, Лео** Сборник статей по санитарной технике. 6 1970 / с. 121-128 : илл [https://www.ester.ee/record=b2085097\\*est](https://www.ester.ee/record=b2085097*est) <https://digikogu.taltech.ee/et/Item/6aaacbd0-60a7-4bdf-bbd4-fb7848aec7f9/>

**Гидрохимическое и гидравлическое исследование участков рек Кейла и Педели Эстонской ССР**

**Linnupõld, Lembit; Kana, A.; Juhat, Matti-Ants; Toman, E.; Velner, Harald-Adam** X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 151 [https://www.ester.ee/record=b1749611\\*est](https://www.ester.ee/record=b1749611*est) <http://www.digar.ee/id/nlib-digar:376945>

**Единая методика расчета характеристик гидромеханических систем с помощью ЭВМ**

**Grossschmidt, Gunnar** XV Всесоюзное совещание по гидравлической автоматике, Калуга, 26-28 мая 1980 г. : тезисы докладов 1980 / с. 201-204

**Исследование гидроэлеваторов на стенде**

**Kõiv, Teet-Andrus** Неустановившиеся процессы в системах водоснабжения и водоотведения 1988 / с. 44-53

**Исследование напорного неустановившегося движения в трубе круглого сечения**

**Liiv, Uno** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 60-61 [https://www.ester.ee/record=b1359832\\*est](https://www.ester.ee/record=b1359832*est)

**Исследование реологических и гидравлических свойств морского ила**

**Säärekõnno, Jüri; Tepaks, Leo** Сборник статей по санитарной технике. 6 1970 / с. 71-87 : илл

[https://www.ester.ee/record=b2085097\\*est](https://www.ester.ee/record=b2085097*est) <https://digikogu.taltech.ee/et/Item/6aaacbd0-60a7-4bdf-bbd4-fb7848aec7f9/>

**Критика формулы шези**

**Tepaks, Leo** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 61-62 [https://www.ester.ee/record=b1359832\\*est](https://www.ester.ee/record=b1359832*est)

**Лабораторные работы по общему курсу гидравлики**

1982 [https://www.ester.ee/record=b1256487\\*est](https://www.ester.ee/record=b1256487*est)

**Лабораторные работы по общему курсу гидравлики**

1978 [https://www.ester.ee/record=b1272909\\*est](https://www.ester.ee/record=b1272909*est)

**Лабораторные работы по общему курсу гидравлики**

1974 [https://www.ester.ee/record=b1346586\\*est](https://www.ester.ee/record=b1346586*est)

**Лабораторные работы по общему курсу гидравлики**

1972 [https://www.ester.ee/record=b2369271\\*est](https://www.ester.ee/record=b2369271*est)

**Многополюсники и сигнальные графы, облегчающие составление математических моделей динамики гидравлических систем и организацию расчета с помощью вычислительной техники**

**Grossschmidt, Gunnar** Состояние, перспективы и опыт применения гидропривода в машине : [сборник статей] 1978 / с. 30-31

**О вопросах магнитной гидравлики униполярного преобразователя**

**Parts, Innari; Puusepp, Eugen** Сборник научных трудов студентов. 4 1965 / с. 79-87 : илл

[https://www.ester.ee/record=b2181987\\*est](https://www.ester.ee/record=b2181987*est) <https://digikogu.taltech.ee/et/Item/15040af2-b264-4339-b7b1-c0140de7d1c1>

**О гидравлических закономерностях при замедленном движении жидкости в напорном цилиндрическом трубопроводе**

**Liiv, Uno** Сборник статей по санитарной технике. 2 1965 / с. 29-41 : илл [https://www.ester.ee/record=b2085145\\*est](https://www.ester.ee/record=b2085145*est)  
<https://digikogu.taltech.ee/et/Item/49ebaf41-bd72-4622-904e-749785b287a6>

**О гидравлических закономерностях при ускоренном движении жидкости в напорном цилиндрическом трубопроводе**

**Liiv, Uno** Сборник статей по санитарной технике. 2 1965 / с. 43-50 : илл [https://www.ester.ee/record=b2085145\\*est](https://www.ester.ee/record=b2085145*est)  
<https://digikogu.taltech.ee/et/Item/49ebaf41-bd72-4622-904e-749785b287a6>

**О гидравлическом сопротивлении при безнапорном движении жидкости в трубах круглого сечения**

**Hääl, Kaido; Tepaks, Leo** Сборник статей по санитарной технике. 6 1970 / с. 129-136 : илл

[https://www.ester.ee/record=b2085097\\*est](https://www.ester.ee/record=b2085097*est) <https://digikogu.taltech.ee/et/Item/6aaacbd0-60a7-4bdf-bbd4-fb7848aec7f9/>

**Построение математических моделей гидромеханических систем привода и управления**

**Grossschmidt, Gunnar; Pahapill, Jaak** XVI Всесоюзное совещание по гидравлической автоматике : тезисы докладов 1983 / [с. ?]

**Пути создания точных и надежных систем числового управления станками на основе релейного пневмо (струйно) - гидравлического следящего привода**

**Lestšenko, V.; Reedik, Vello** Сборник статей по машиностроению. 8 1971 / с. 87-95 : илл [https://www.ester.ee/record=b2190317\\*est](https://www.ester.ee/record=b2190317*est)  
<https://digikogu.taltech.ee/et/Item/9e5336a6-6d17-4555-8a2c-a8b547231bbb/>

### **Расчет гидравлического прыжка на ЭВМ**

Вавельская, Наталья; Дягилев А.И. 35 научная конференция студентов вузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция строительства. Секция техники окружающей среды 1991 / с. 22-25

### **Сборник задач по гидравлике**

1983 [https://www.ester.ee/record=b1286399\\*est](https://www.ester.ee/record=b1286399*est)

### **Система для накопления и обработки экспериментальных данных гидравлических исследований**

**Haavel, Rein; Koppel, Tiit; Liiv, Uno** Сборник статей по санитарной технике. 10 1975 / с. 37-43 : илл

[https://www.ester.ee/record=b2084885\\*est](https://www.ester.ee/record=b2084885*est) <https://digikogu.taltech.ee/et/Item/db37b17f-7b32-4060-8994-b23a7fa29638>

### **Средства измерений и методы гидравлических исследований**

Vassiltšenko, G.; **Liiv, Uno** Гидротехническое строительство : ежемесячный научно-технический журнал 1989 / с. 40-42

[https://www.ester.ee/record=b2136666\\*est](https://www.ester.ee/record=b2136666*est)

### **Технический отчет о XIII конгрессе**

**Aitsam, Ain** Международная ассоциация по гидравлическим исследованиям. Конгресс Советская делегация гидравликов.

Технический отчет делегации советских гидравликов об участии в XIII Конгрессе Международной ассоциации по гидравлическим исследованиям (МАГИ). Япония, г. Киото, сентябрь 1969 г. 1970 / с. [?]