

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

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

Gravity currents in rotating, wedge-shaped, adverse channels

Cuthbertson, Alan; Lundberg, Peter; Davies, Peter A.; **Laanearu, Janek** Environmental fluid mechanics 2014 / p. 1251-1273 : ill

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

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>

Topographically constrained deep-water flows in the Baltic Sea

Laanearu, Janek; Lundberg, Peter Journal of sea research 2003 / p. 257-265 : ill