

### **A generalized vortex ring model**

**Kaplanski, Felix**; Sazhin, Sergei; Fukumoto, Yasuhide; Begg, Steven; Heikal, Morgan Journal of fluid mechanics 2009 / p. 233-258

### **Identification of ship wake structures by a time–frequency method**

**Torsvik, Tomas; Soomere, Tarmo; Didenkulova, Irina**; Sheremet, Alex Journal of fluid mechanics 2015 / p. 229-251 : ill <https://doi.org/10.1017/jfm.2014.734> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A model for confined vortex rings with elliptical-core vorticity distribution**

Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Journal of fluid mechanics 2017 / p. 67-94 : ill <https://doi.org/10.1017/jfm.2016.752> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modelling of confined vortex rings**

Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Journal of fluid mechanics 2015 / p. 267-297 : ill <https://doi.org/10.1017/jfm.2015.261> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nonlinear wave run-up in bays of arbitrary cross-section : generalization of theCarrier–Greenspan approach**

Rybkin, Alexei; Pelinovsky, Efim; Didenkulova, Irina Journal of fluid mechanics 2014 / p. 416-432 : ill <https://doi.org/10.1017/jfm.2014.197> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Similarity of length scales in high-Reynolds-number wall-bounded flows**

Gustenyov, Nikolay; **Egerer, Margit**; Hultmark, Marcus; Smits, Alexander J.; Bailey, Sean C.C. Journal of Fluid Mechanics 2023 / art. A17 <https://doi.org/10.1017/jfm.2023.417> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)