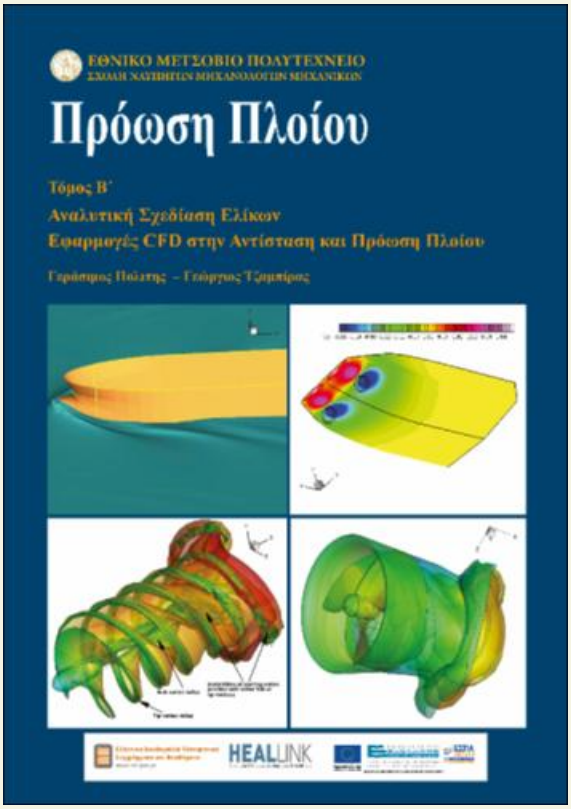


## METADATA

**Title:** Ship Propulsion

**Other Titles:** -

**Language:** Greek

**ISBN:** 978-960-603-514-2 (set)

**Subject:** ENGINEERING AND TECHNOLOGY

**Keywords:** Ship propulsion / Main engine selection / Propeller design / CFD applications

**Bibliographic Reference:** Loukakis, T., Dodoulas, A., Politis, G., Tzabiras, G., Kouremenos, D., & Maliatsos, K. (2016). Ship Propulsion [Undergraduate textbook]. Kallipos, Open Academic Editions. http://dx.doi.org/10.57713/kallipos-717

**Abstract**

This book, consisting of four "volumes" (parts), was written to meet the needs mainly of professional shipbuilders and marine engineers, but also of students of the above professions, and is original internationally in terms of the selection and structure of the material. Specifically, it consists of the following volumes: Volume A: Ship resistance and propulsion. Preliminary design/optimization of ship propeller. Main engine selection. Speed-power trials. Controllable ship propellers. Practical aspects of ship propulsion. Tuning of Diesel marine engines. Volume B: Analytical design of ship propellers. Applications of CFD in ship resistance and propulsion. Volume C: Computer programs. Design data. Volume D: Full text bibliographical references.

The Project is funded by the National Development Programme 2021-2025 of the Ministry of Education and Religious Affairs and implemented by the Special Account for Research Funds of the National Technical University of Athens and the Hellenic Academic Libraries Link.