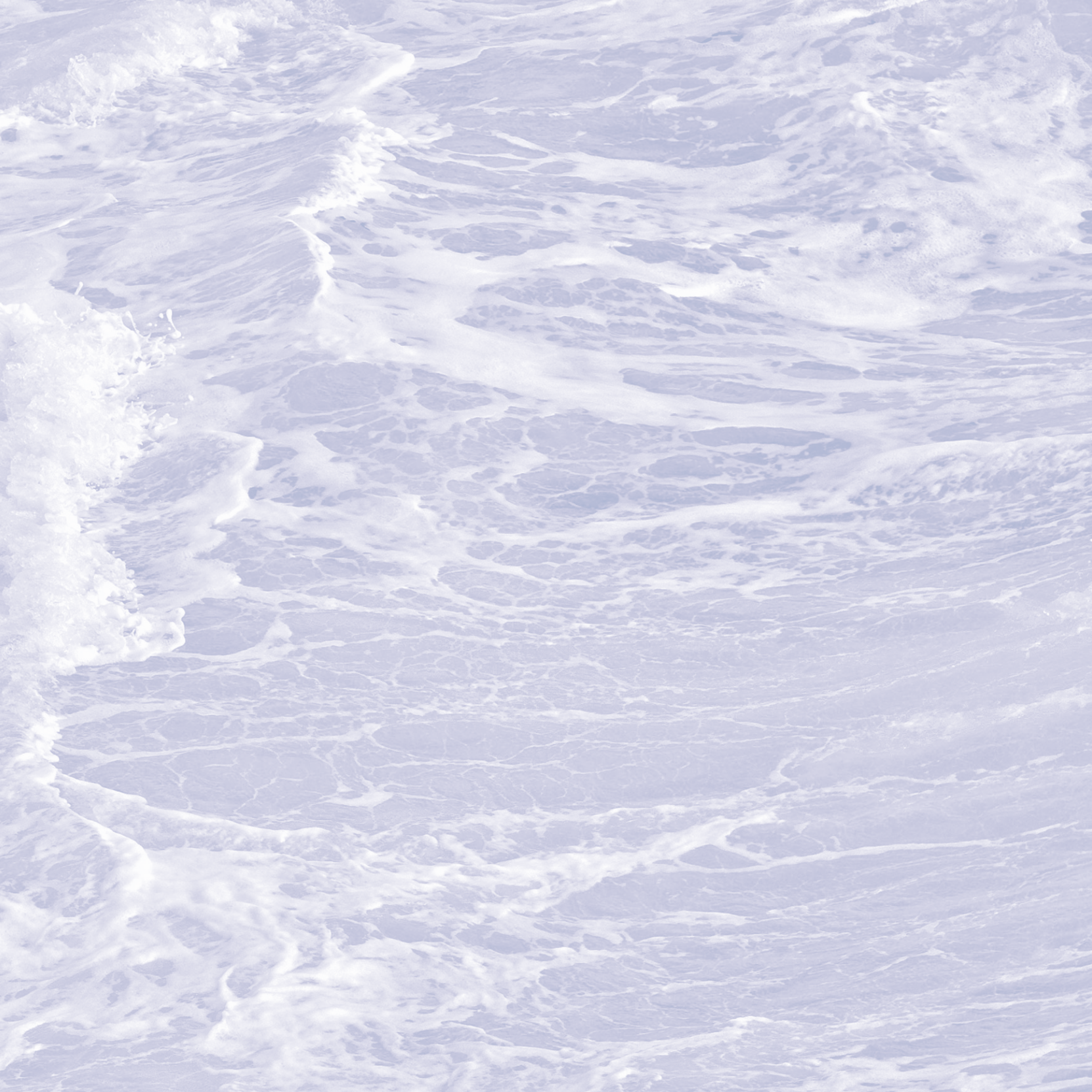




EUGENIDES FOUNDATION
GOLD MEDAL AWARD OF THE ACADEMY OF ATHENS

MARITIME PUBLICATIONS
EUGENIDES FOUNDATION
1967-2019





CATALOGUE OF MARITIME PUBLICATIONS

Since 1966 the Eugenides Foundation [EF] has been commissioning and publishing educational texts for the students of the public Merchant Marine Schools and Academies in full and close collaboration with the Directorate of Maritime Education of the Mercantile Marine Ministry. This cooperation was initiated by decision no. 61288/5031/ 9.8.1966 issued by the Mercantile Marine Ministry, while at the same time the Publications Committee of the EF started its operation.

The result of this collaboration has been the creation of the Seafarer's Library series, which today numbers 137 titles. These are apportioned as follows:

- 27 titles for students of the public Merchant Marine Schools [DSEN] (1967-1979).
- 42 titles for students of the higher education public Merchant Marine Schools [ADSEN] (1981-2001).
- 39 titles for students of the Merchant Marine Academies [AEN] published between 2002 and today. With the establishment of the Academies and the modification of the curricula, the Mercantile Marine Ministry once again assigned to the Foundation the writing and publication of the necessary textbooks (decision no. 1168B'/14.6.1999), an activity which continues unhindered to this day.
- 13 on-board training guides.
- 16 translations of maritime textbooks and manuals.

The list of publications also includes studies by the Eugenides Foundation about maritime education

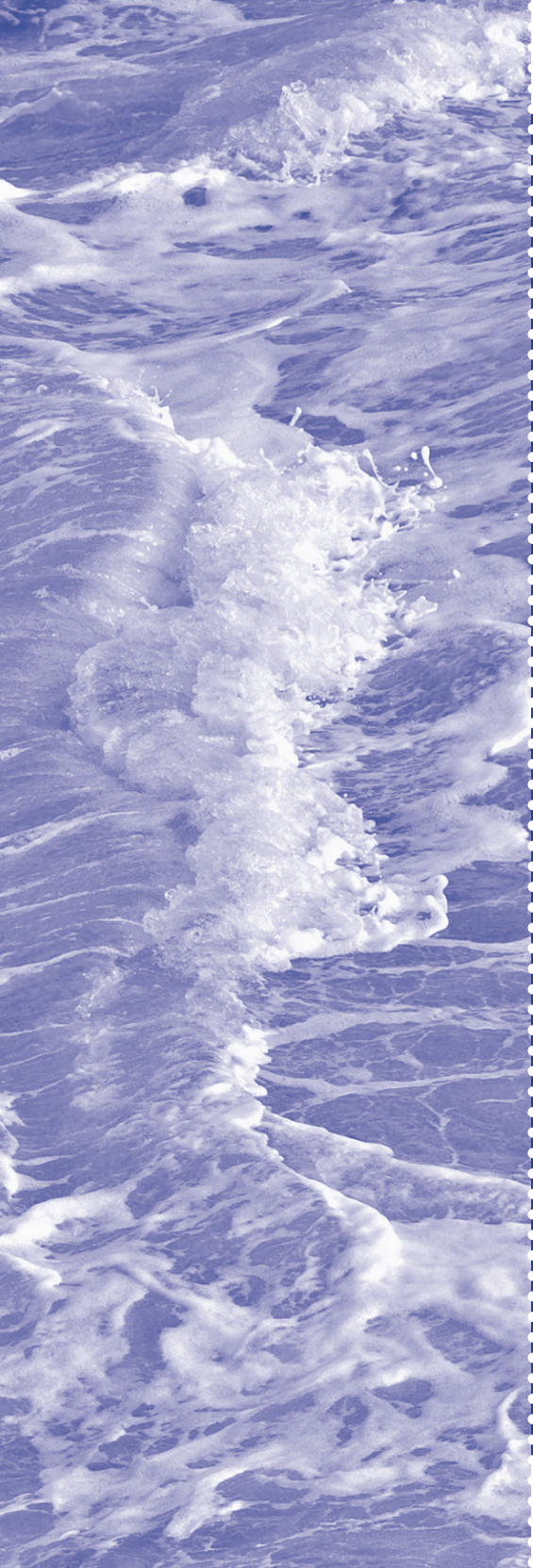
and proceedings of conferences about maritime education organized by the Foundation.

During the period 2012-2013 a decision of the Ministry of Shipping and the Aegean commissioned the EF's Publications Committee to set up a special working group of experts, which under the supervision of the Publications Committee updated the curricula of the Academies and of the specialised Schools for captains and engineers, in accordance with the STCW 1978 education and certification requirements (Manila amendments 2010). As a result, many textbooks were updated and renewed as needed to follow the new curricula.

In 2017-2018, after four years of implementation of the AEN curricula, the task of updating and renewing the textbooks, in accordance with the requirements of STCW, EMSA and IMO, was once again undertaken by the EF. To this end, the EF set up two committees, one of captains and one of engineers, joined by representatives from the Directorate of Maritime Education, the Academies, the Universities of Piraeus, the Aegean and Western Attica and the shipping industry, whose work was completed in December 2018.

Following the findings of the Committees, all the textbooks used by the Merchant Marine Academies will be updated again in order to be fully compliant with the latest developments in shipping.

Note: To facilitate users of this catalogue, the ● symbol means 'book available / in print', while the ● symbol means 'book is out of print'.



PUBLIC MERCHANT
MARINE SCHOOLS
[DSEN] (1967-1979)



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ

**ΠΑΡΑΡΤΗΜΑ ΘΕΡΜΟΔΥΝΑΜΙΚΗΣ
ΠΙΝΑΚΕΣ - ΔΙΑΓΡΑΜΜΑΤΑ**

ANNEX OF THERMODYNAMIC TABLES – DIAGRAMS

This manual is an annex to the book Technical Thermodynamics and includes tables and diagrams that are necessary for solving exercises on the various topics of the subject.

Anastasios
Papapavlos

Publication
year:
1971

AUTOMATION- REMOTE CONTROL OF MODERN SHIPS

*This book contains
a brief explanation
of the principles on
which the operation
of various automation
and remote-control
systems used in
modern merchant
ships is based.*

Aetios Tzifakis

Publication
year:
1976



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΑΥΤΟΜΑΤΙΣΜΟΣ-ΤΗΛΕΚΙΝΗΣΙΣ
ΣΥΓΧΡΟΝΩΝ ΠΛΟΙΩΝ



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΗΛΕΚΤΡΟΝΙΚΑ

**ELECTRONIC
SYSTEMS**

The aim of this book was to familiarize the students of Merchant Marine Schools with the general principles of electronics.

Georgios Zorbas

Publication
year:
1977

ELECTROTECHNICAL APPLICATIONS ON SHIPS

The main purpose of this book was to be a useful handbook for students of the Centre of Further Education for Seafarers [KESEN] that would also accompany them in their future career as engine officers. The central subject of the book is the ship's electrical applications. The book provides the reader with a general understanding of the principles on which the operation of various electrical devices and equipment is based.

Aetios Tzifakis

Publication
year:
1974



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΗΛΕΚΤΡΟΤΕΧΝΙΚΑΙ
ΕΦΑΡΜΟΓΑΙ ΠΛΟΙΩΝ



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΗΛΕΚΤΡΟΤΕΧΝΙΑ

ΤΟΜΟΣ Α΄

ELECTROTECHNICS
VOLUME 1

This book provides a comprehensive view of the concepts of electrotechnics in a way that explains the issues to the degree that is necessary for the engineers whom it addresses without omitting anything of essence.

Moses Moschovitz

Publication
year:
1973

ELEMENTS OF MARINE ENGINES FOR SHIP CAPTAINS

*This book contains the
basic knowledge of ship
mechanical engineering
that a merchant marine
captain needs to
possess to carry out his
mission successfully.*

Georgios Daniil

Publication
year:
1977



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΣΤΟΙΧΕΙΑ
ΝΑΥΤΙΚΩΝ ΜΗΧΑΝΩΝ
ΓΙΑ ΠΛΟΙΑΡΧΟΥΣ



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ ΣΤΟΙΧΕΙΑ ΝΑΥΠΗΓΙΑΣ

ELEMENTS OF SHIPBUILDING

This book was authored with a view to serve as a useful tool for students attending public Merchant Marine Schools, but also to become a reference handbook during their future careers. Through this book the student will become aware of all matters relating to the principles underlying the building of a ship, the terminology and safety issue.

Emmanouil
Zografakis

Publication
year:
1972 (1st edition)

ENGLISH LESSONS

This book, the first in the Seafarer's Library series, was an introduction to the most commonly used English terms and expressions, designed to help first-year students of the public Merchant Marine Schools to familiarize themselves with marine terminology and to be able to understand and use it.

D. Potamianos

Publication
year:
1967



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΜΑΘΗΜΑΤΑ
ΑΓΓΛΙΚΗΣ



Π. Ε. ΣΕΓΔΙΤΣΑ

ΠΕΝΤΑΓΛΩΣΣΟ
ΛΕΞΙΚΟ
ΝΑΥΤΙΚΩΝ ΟΡΩΝ

**FIVE-LANGUAGE
DICTIONARY OF
MARITIME TERMS**

The Five-language Dictionary of Maritime Terms includes the most easy-to-use maritime terms used by merchant marine officers, industry professionals and anyone generally associated with the sea and maritime-related professions. It continues to be distributed to Academy students today.

Panagiotis
Segditsas

Publication
year:
1971

FUELS – LUBRICANTS

This book was authored to fill the lack of any similar handbook for technical schools and particularly the Merchant Marine engineers course. It also aimed at keeping students informed about new developments in the field of fuel and lubricant technology.

Triantaphyllos
Papaevangelou

Publication
year:
1972 (1st edition)



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΚΑΥΣΙΜΑ ΛΙΠΑΝΤΙΚΑ

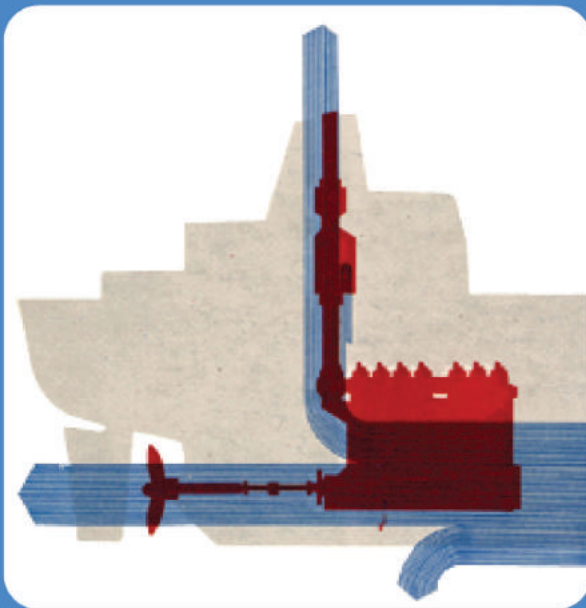


ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ

ΜΗΧΑΝΕΣ ΕΣΩΤΕΡΙΚΗΣ ΚΑΥΣΕΩΣ

Αέτιου Χρ. Τζιφάκι

ΜΗΧΑΝΟΛΟΓΟΥ ΗΛΕΚΤΡΟΛΟΓΟΥ Ε.Μ.Π.



INTERNAL COMBUSTION ENGINES

The purpose of this 1st volume was to provide the student and future merchant marine officer with a better understanding of the principles underlying the operation and maintenance of diesel engines.

Aetios Tzifakis

Publication
year:
1978

MACHINING TECHNOLOGY, VOLUME 1

*This 1st volume of
Machining Technology
describes simple
handheld tools and
the way of using them,
and the machines
and additional tools,
installations, raw
materials and the
operations carried
out in the forge, the
furnace and the
foundry.*

Spyridon Loprestis,
Georgios Bachas

Publication
year:
1969



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΜΗΧΑΝΟΥΡΓΙΚΗ
ΤΕΧΝΟΛΟΓΙΑ

ΤΟΜΟΣ Α΄

● Out of print



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΜΗΧΑΝΟΥΡΓΙΚΗ
ΤΕΧΝΟΛΟΓΙΑ

ΤΟΜΟΣ Β΄

**MACHINING
TECHNOLOGY**
VOLUME 2

The 2nd volume of Machining Technology describes the basic measuring techniques and control instruments and the ways in which they are used. The book also introduces the most common electrical devices used in machining (drill, plane, lathe, milling machine, etc.), as well as instructions for their proper use.

Spyridon Loprestis,
Georgios Bachas

Publication
year:
1969

**MARINE
STEAM BOILERS**
VOLUME 1

This book explains the structure and key features of steam boilers and any instrument or mechanism associated with them, the purpose of each component and the way it operates. Apart from fulfilling its educational role, this handbook proved to be an invaluable tool for students in their later professional careers.

Georgios Daniil,
Konstantinos
Mimikopoulos

Publication
year:
1971 (1st edition)



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
Ν Α Υ Τ Ι Κ Ο Ι
Α Τ Μ Ο Λ Ε Β Η Τ Ε Σ

ΤΟΜΟΣ Α΄



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
Ν Α Υ Τ Ι Κ Ο Ι
Α Τ Μ Ο Λ Ε Β Η Τ Ε Σ

ΤΟΜΟΣ Β΄

**MARINE
 STEAM BOILERS,
 VOLUME 2**

The 2nd volume of Marine Steam Boilers focusses on installation and combustion control issues, automatic boiler operation, steam boiler equipment, boiler auxiliary machines, feedwater, corrosion and maintenance, operation and irregularities, damages, inspection and testing, leakages and performance, materials and methods of boiler construction, etc..

Georgios Daniil,
 Konstantinos
 Mimikopoulos

Publication
 year:
 1971 (1st edition)

MARITIME GEOGRAPHY

This book was initially intended for students of Merchant Marine Schools, but is also useful for anyone, professional or amateur, interested in the sea and its geography. The book includes a Greek-English list of geographic terminology and accompanying maps to facilitate readers' understanding of the text.

Konstantinos
Kontogiannis

Publication
year:
1970



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
Ν Α Υ Τ Ι Κ Η
Γ Ε Ω Γ Ρ Α Φ Ι Α



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΝΑΥΤΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΑ

**MARITIME
METEOROLOGY**

This book mainly discusses elements of meteorology that are useful to seafarers and includes the contributions that shipping has made to meteorological knowledge. At the time of publication, this book was fully synchronised with international literature and included every element that would promote and improve the seafarer's knowledge in this field.

Charalambos
Perogiannakis

Publication
year:
1971

METALWORK – WELDING

The purpose of this book was mainly to present the different types of welds and the various methods used, the scope of each method, the preparation, the manner of execution and the process of selection of the appropriate conditions under which any welding should be attempted.

Alexios Karmiris

Publication
year:
1970



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΜΕΤΑΛΛΟΤΕΧΝΙΑ
ΣΥΓΚΟΛΛΗΣΕΙΣ



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΝΕΟΕΛΛΗΝΙΚΑ
ΝΑΥΤΙΚΑ ΑΝΑΓΝΩΣΜΑΤΑ

**MODERN GREEK
MARITIME READINGS**

The second, enriched version of Modern Greek Maritime Readings comprises literary works of poets and writers from the era of Dionysios Solomos onwards and includes a maritime glossary. The difference of this book from any other Modern Greek readings compilations is that all the texts directly relate to the sea.

Konstantinos
Manafis,
Xenophon
Antoniadis

Publication
year:
1970 (2nd edition)

OUR COMMON MARITIME TERMS AND THE ROMANCE LANGUAGES

In the present study, every maritime term found in texts is presented in its various forms, accompanied by its meaning as well as its semantic extent and the Romance-language word from which it originated. The Language Society of the Academy of Athens judged this study to be worthy of the first prize for both its scientific completeness and its up-to-date bibliography.

Panagiotis Segditsas

Publication
year:
1968



Π. Ε. ΣΕΓΔΙΤΣΑ

ΟΙ ΚΟΙΝΟΙ ΝΑΥΤΙΚΟΙ ΜΑΣ ΟΡΟΙ ΚΑΙ ΑΙ ΡΩΜΑΝΙΚΑΙ ΓΛΩΣΣΑΙ

BIBΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ



BIBΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΝΑΥΤΙΚΗ ΤΕΧΝΗ

SEAMANSHIP

This book collected empirical knowledge and described general principles and how these apply to as many common situations that can be predicted which the seafarer may come across. This book constituted another small contribution to the continuous efforts to elevate the Greek maritime educational level and was offered as a handbook to dealing with everyday on-board professional problems.

Z. N. Sdougos

Publication
year:
1969

SHIPS' AUXILIARY MACHINERY VOLUME 1

This book provides general definitions and explains the purpose of each auxiliary machine or device. These are followed by specific descriptions of representative types of equipment, including examples where deemed necessary, of the standard positioning of the relevant ancillary installation.

Georgios Daniil,
Konstantinos
Mimikopoulos

Publication
year:
1974 (1st edition)



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ

ΒΟΗΘΗΤΙΚΑ ΜΗΧΑΝΗΜΑΤΑ ΠΛΟΙΩΝ

ΤΟΜΟΣ Α΄



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
**ΒΟΗΘΗΤΙΚΑ
ΜΗΧΑΝΗΜΑΤΑ ΠΛΟΙΩΝ**

ΤΟΜΟΣ Β΄

**SHIPS' AUXILIARY
MACHINERY**
VOLUME 2

The 2nd volume of Ships' Auxiliary Machinery contains specific descriptions of representative types of auxiliary machinery and appliances, together with the standard configuration of the respective auxiliary installation, where this is deemed necessary.

Georgios Daniil,
Konstantinos
Mimikopoulos

Publication
year:
1974 (1st edition)

STEAM ENGINES (TURBINES)

This book contains elements of the principles on which the operation of steam turbines is based and elements of their construction, maintenance and repairs. Also, the basic auxiliary systems, networks and main devices necessary for assembling a propulsion system for steam-powered ships are briefly described.

Stavros Giokas

Publication
year:
1975



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΑΤΜΟΜΗΧΑΝΑΙ
ΣΤΡΟΒΙΛΟΙ



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΤΕΧΝΟΛΟΓΙΑ
ΜΗΧΑΝΟΥΡΓΙΚΩΝ ΥΛΙΚΩΝ

TECHNOLOGY OF MACHINING MATERIALS

The aim of this book was to help readers understand crystalline structures, mechanical and other characteristic properties, heat treatment and the industrial applications of the most commonly used materials.

Petros
Petropoulos

Publication
year:
1972 (1st edition)

THERMODYNAMICS

This book deals with the laws governing changes in the state of gases and vapours as they apply to the operation of internal combustion or steam engines.

Anastasios
Papapavlos

Publication
year:
1972



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΘΕΡΜΟΔΥΝΑΜΙΚΗ



BIBΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΤΡΙΓΩΝΟΜΕΤΡΙΑ

● Out of print

TRIGONOMETRY

This volume contains everything a seafarer needs to know about plane and spherical trigonometry. The basic concepts are given with great simplicity in order to make the book easy to understand as well as easy to use by cadet captains.

Ilias
Kontogeorgopoulos

Publication
year:
1968



HIGHER EDUCATION
PUBLIC MERCHANT
MARINE SCHOOLS
[ADSEN] (1981-2001)



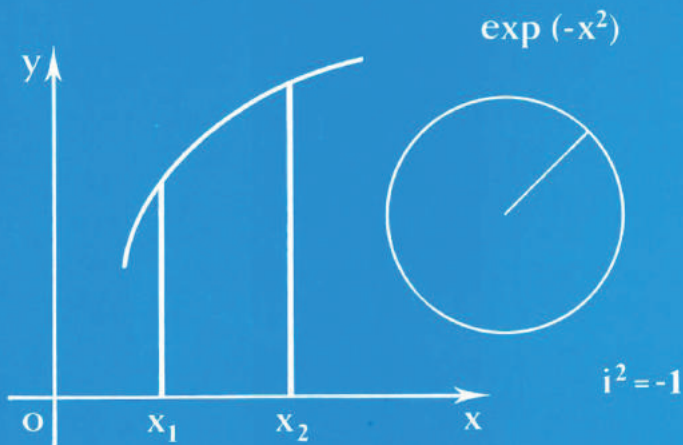
ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΑΝΩΤΕΡΑ ΜΑΘΗΜΑΤΙΚΑ

ΑΔΣΕΝ - ΜΗΧΑΝΙΚΩΝ

Χρυσοστόμου Σύρκου - Γεωργίου Πουλοπούλου

ΜΑΘΗΜΑΤΙΚΩΝ - ΚΑΘΗΓΗΤΩΝ ΑΔΣΕΝ /Α



$$\int_a^b f(x) dx = \lim_{v \rightarrow \infty} \sum_{i=1}^v f(\xi_i) \Delta \xi_i$$

$\lim_{v \rightarrow \infty} a_v$

ADVANCED MATHEMATICS FOR SHIPS ENGINEERS (ADSEN)

This book includes Mathematics for Engineers of the Merchant Marine Schools. The material follows the curriculum that was in force at the time of publication.

Chrysostomos Syrkos,
Giorgos Pouloupoulos

Publication
year:
1994 (2nd edition)

ADSEN

ANNEX OF TECHNICAL THERMODYNAMICS

*This annex constitutes
an integral addition
to the Technical
Thermodynamics
textbook, as it includes
the tables and
diagrams necessary to
solve the exercises on
the subject matter of
the book.*

Konstantinos
Pagonaris

Publication
year:
1982



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΠΑΡΑΡΤΗΜΑ ΤΕΧΝΙΚΗΣ ΘΕΡΜΟΔΥΝΑΜΙΚΗΣ

Κωνσταντίνου Ζ. Παγωνάκη

ΠΛΟΙΑΡΧΟΥ (Μ)Π.Ν.
ΜΗΧΑΝΟΛΟΓΟΥ-ΜΗΧΑΝΙΚΟΥ Ν. Ρ.Γ.Σ. ΗΠ.Α





ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΕΦΑΡΜΟΣΜΕΝΗ ΘΕΡΜΟΔΥΝΑΜΙΚΗ

Κωνσταντίνου Ζ. Παγωνάκη

ΠΛΟΙΑΡΧΟΥ (Μ)Π.Ν.
ΜΗΧΑΝΟΛΟΓΟΥ-ΜΗΧΑΝΙΚΟΥ Ν. Ρ.Γ.Σ. ΗΠ.Α.



APPLIED THERMODYNAMICS

The purpose of this book was to help students of Merchant Marine Engineering Schools [ADSEN] understand Applied Thermodynamics, one of the most important lessons not only for engineers of marine installations but also generally for all people involved in energy production.

Konstantinos
Pagonaris

Publication
year:
1982

ADSEN

AUTOMATED CONTROL SYSTEMS

The aim of this book was to help merchant marine officers to understand the problems that are encountered by the ever-increasing application of Automated Control Systems in ships.

Georgios Flantinis

Publication
year:
1982

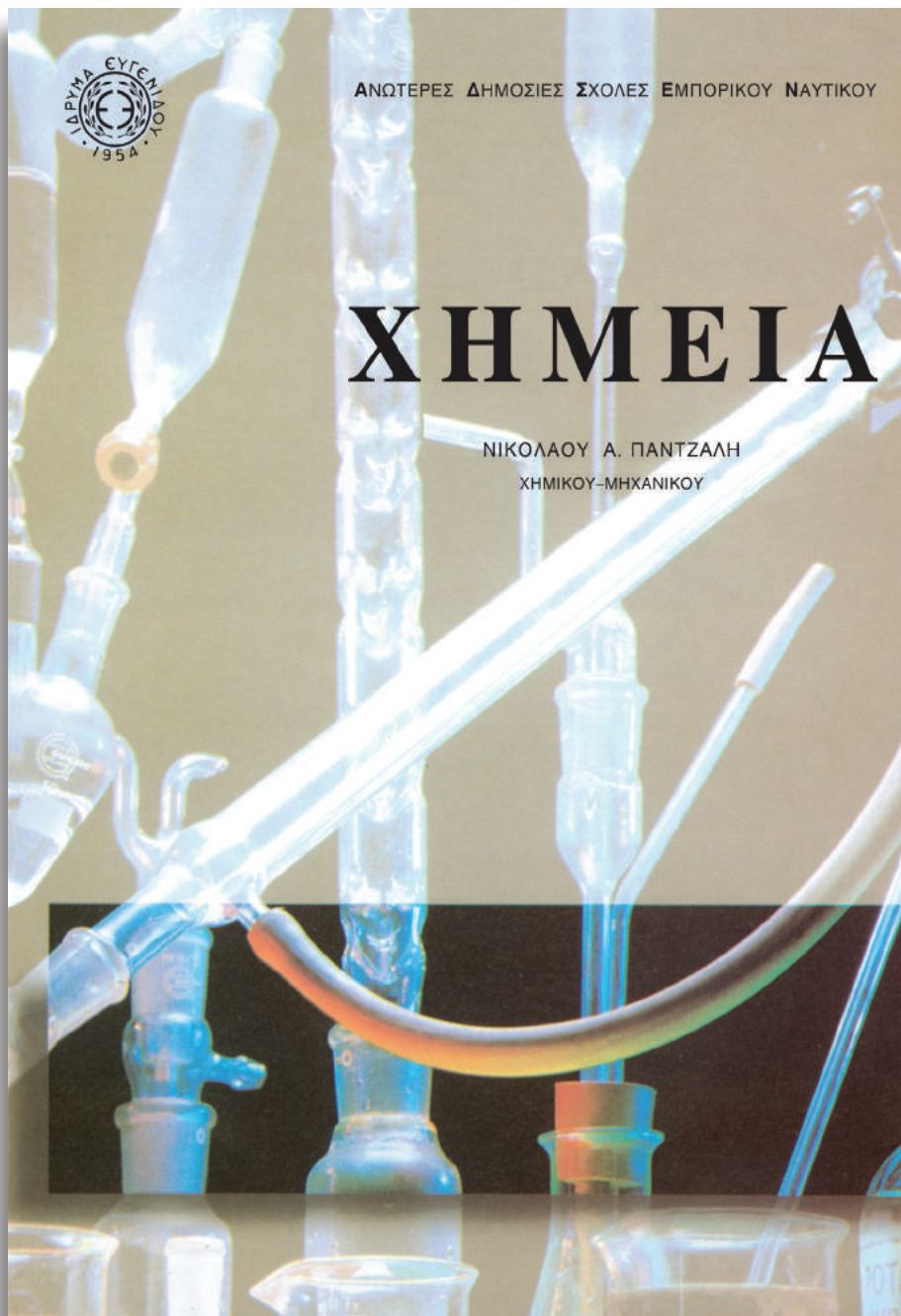


ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΣΥΣΤΗΜΑΤΑ ΑΥΤΟΜΑΤΟΥ ΕΛΕΓΧΟΥ

Γεωργίου Κυρ. Φλαντίνη
ΠΛΩΤΑΡΧΟΥ ΜΗΧΑΝΙΚΟΥ Π.Ν.





CHEMISTRY

The book was initially written for engineering students of Merchant Marine Schools [ADSEN] and is still used today by Merchant Marine Academy students. Through this book, students acquire a basic knowledge of chemistry and are introduced to applied chemistry and elements of organic chemistry, as well as issues of worker safety and environmental protection.

Nikolaos Pantzalis

Publication
year:
1996

ADSEN

● In print

COLLISION PREVENTION AT SEA

This book aims at providing a deeper understanding and helping with better implementation of international regulations for collision prevention at sea. The book has been an essential and useful textbook at Merchant Marine Schools and Academies for many years, but also a necessary manual for marine officers on the bridges of Greek ships.

Anastasios Dimarakis,
Christos Dounis

Publication
year:
1993 (2nd edition)

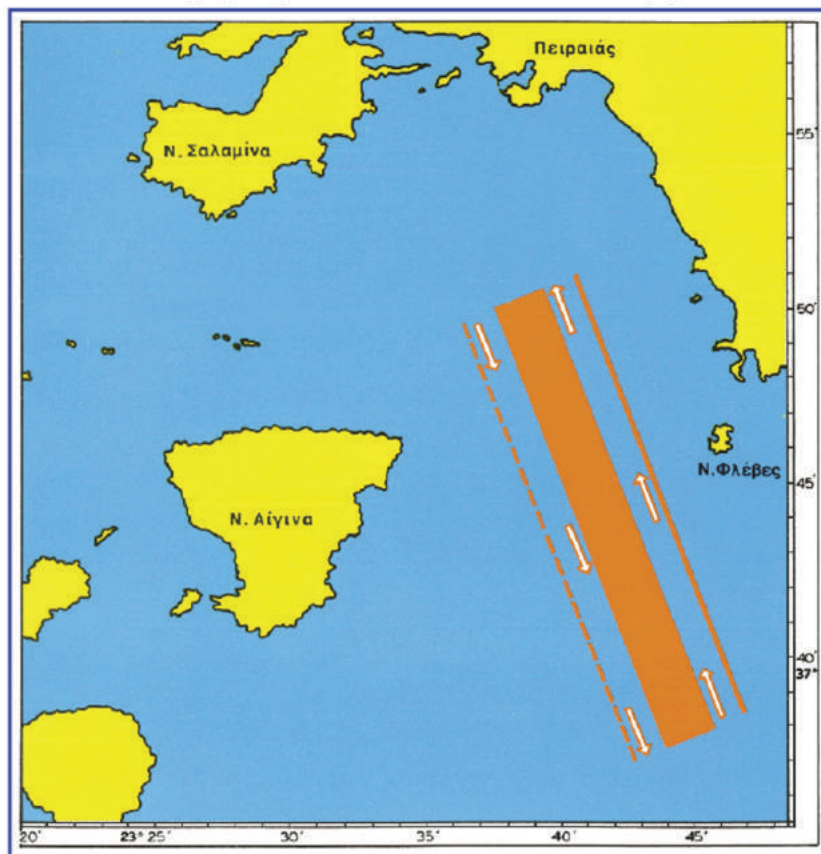


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ΑΠΟΦΥΓΗ ΣΥΓΚΡΟΥΣΕΩΝ ΣΤΗ ΘΑΛΑΣΣΑ

Αναστασίου Δημαράκη

Χρήστου Ντούνη



● Out of print



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ
ΑΣΥΡΜΑΤΙΣΤΩΝ

ΗΛΕΚΤΡΟΝΙΚΗ

Ιωάννου Κ. Πίτλιγγερ
ΚΑΘΗΓΗΤΟΥ ΑΔΣΕΝ ΡΑΔΙΟΗΛΕΚΤΟΥ



ELECTRONICS

This book was written for second-year cadet radio officers [ADSEN], so that they could be taught how the devices concerning them, mainly transmitters and receivers, operate, as well as how radio communications are done.

Ioannis Pitligger

Publication
year:
1983

ADSEN

**ELECTROTECHNICS,
VOLUME 1**

This book was taught in the first year of Merchant Marine radiotelegraphy and engineers courses [ADSEN]. It deals with issues of static electricity, continuous single-phase electrical currents and magnetic fields.

Vassilios Perrakis

Publication
year:
1993 (2nd edition)



● In print



ELECTROTECHNICS, VOLUME 2

This 2nd volume of Electrotechnics includes issues related to alternating electrical currents and electricity measurement instruments.

Vassilios Perrakis,
Zacharias Tsoukalas

Publication
year:
1993

ADSEN

● In print

ELEMENTS OF COMPUTER SCIENCE

*This book was initially
written for students
of maritime lyceums.*

*It explains various
computer-related
issues, for example
internal structure,
flow of information,
different operating
systems and certain
high-level programming
languages.*

Georgios Flantinis

Publication
year:
1982



ΛΥΚΕΙΑ ΔΟΚΙΜΩΝ ΑΞΙΩΜΑΤΙΚΩΝ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΣΤΟΙΧΕΙΑ ΗΛΕΚΤΡΟΝΙΚΩΝ ΥΠΟΛΟΓΙΣΤΩΝ

Γεωργίου Κυρ. Φλαντίνη
ΠΛΩΤΑΡΧΟΥ ΜΗΧΑΝΙΚΟΥ Π.Ν.



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ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΣΤΟΙΧΕΙΑ ΝΑΥΤΙΚΟΥ ΔΙΚΑΙΟΥ

Παναγιώτου Περ. Λυκούδη
ΑΡΧΙΠΛΟΙΑΡΧΟΥ Λ.Σ.



ELEMENTS OF MARITIME LAW

The contents of this book covered the curriculum for the maritime law course at higher education public Merchant Marine Schools [ADSEN] for all three branches (captains, engineers and radio officers). Prospective maritime officers were taught the necessary legal information directly related to their profession.

Panagiotis Lykoudis

Publication
year:
1982

**ELEMENTS OF
MARITIME LAW**
(MERCHANT MARINE
TECHNICAL MARITIME
LYCEUMS)

*This book was designed
for students of the
technical maritime
lyceums. Special effort
was put into presenting
each of the subjects in
a simple way, so that
they could be easily
understood by students,
while still aiming to serve
the general purpose
of the fullest possible
training of the Greek
merchant marine.*

Georgios Spartiotis,
Georgios Margetis

Publication
year:
1982



ΛΥΚΕΙΑ ΔΟΚΙΜΩΝ ΑΞΙΩΜΑΤΙΚΩΝ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

**ΣΤΟΙΧΕΙΑ
ΝΑΥΤΙΚΟΥ ΔΙΚΑΙΟΥ**

Γεωργίου Ε. Σπαρτιώτη
ΠΛΟΙΑΡΧΟΥ Λ.Σ.

Γεωργίου Δ. Μαργέτη
ΠΤΥΧ. ΝΟΜΙΚΗΣ - ΠΑΣΠΕ



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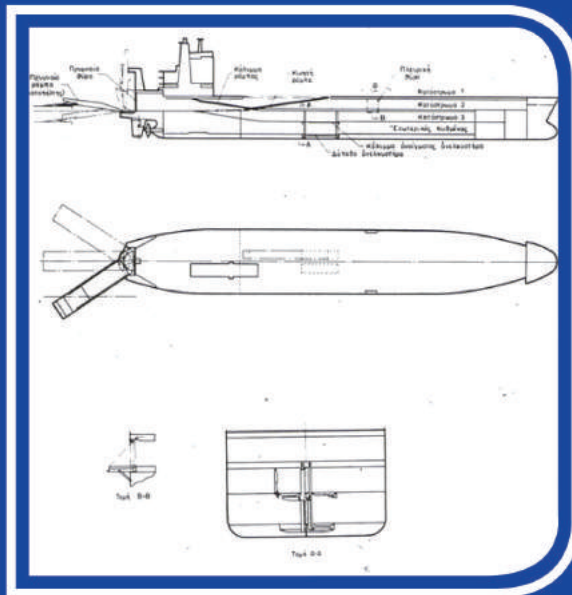


Βιβλιοθήκη του Ναυτικού

ΣΤΟΙΧΕΙΑ ΝΑΥΠΗΓΙΑΣ

Εμ. Ν. Ζωγραφάκη

ΥΠΟΝΑΥΑΡΧΟΥ (Τ) Π.Ν. - ΝΑΥΠΗΓΟΥ



ELEMENTS OF SHIPBUILDING

This book is an enriched version of Elements of Shipbuilding for public Merchant Marine Schools [DSEN] and has been authored with a view to providing a useful aid for students of the higher education public Merchant Marine Schools [ADSEN]. It familiarizes the student with all the issues that relate to the principles underpinning the construction of a ship, its terminology and its safety.

Emmanouil
Zografakis

Publication
year:
1999 (2nd edition)

ADSEN

In print

ELEMENTS OF THE LAW
(1. CONSTITUTIONAL,
2. MARITIME)

This textbook presents elements of maritime law, as well as introducing the main concepts of the law and constitutional law that are considered essential for the general education of merchant marine officers.

Panagiotis Lykoudis

Publication
year:
1988



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΣΤΟΙΧΕΙΑ ΔΙΚΑΙΟΥ

1. ΣΥΝΤΑΓΜΑΤΙΚΟΥ
2. ΝΑΥΤΙΚΟΥ

Παναγιώτη Π. Λυκούδη
ΥΠΟΝΑΥΑΡΧΟΥ Α.Σ. (ε.α.)





ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΚΑΥΣΙΜΑ-ΛΙΠΑΝΤΙΚΑ

Τριαντάφ. Ι. Παπαεναγγέλου
ΧΗΜΙΚΟΥ ΑΡΧΙΠΛΟΙΑΡΧΟΥ Π.Ν.ε.α.
ΚΑΘΗΓΗΤΗ Ναυτ. Σχολ. Π.Ν. και Ε.Ν.



FUELS – LUBRICANTS

This text is the result of the need to update the book Fuels – Lubricants, following the modification, at the request of the Mercantile Marine Ministry, of the curriculum on the subject taught at the Merchant Marine Schools. It deals with issues related to energy, combustion, liquid fuels and the production and processing of oil.

Triantaphyllos
Papaevangelou

Publication
year:
1995 (3rd edition)

GAS TURBINES

The aim of this book is to acquaint ship engineers professionally with marine gas turbines.

Stamatios Kloudas

Publication
year:
1982



ΛΥΚΕΙΑ ΔΟΚΙΜΩΝ ΔΕΙΩΜΑΤΙΚΩΝ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΑΕΡΙΟΣΤΡΟΒΙΟΙ

Σταματίου Γ. Κλαδά

ΠΛΩΤΑΡΧΗ (Μ) Π.Ν.

ΔΠΛ. ΝΑΥΠΗΓ. - ΜΗΧΑΝ. ΜΗΧΑΝΙΚΟΥ Μ.Ι.Τ.



● In print



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

LE FRANÇAIS DES STEWARDS

Αλεξάνδρα Ν. Παπαδοπούλου
ΠΤΥΧΙΟΥΧΟΣ ΓΑΛΛΙΚΗΣ
ΚΑΙ ΕΛΛΗΝΙΚΗΣ ΦΙΛΟΛΟΓΙΑΣ



LE FRANÇAIS DES STEWARDS

This manual has been designed to meet the needs of Greek stewards. It consists of two main parts: the first is dedicated to a brief overview of the basic elements of French grammar, and the second includes texts, dialogues and vocabulary.

Alexandra
Papadopoulou

Publication
year:
1996

**MARINE
ELECTRONIC
INSTRUMENTS**
VOLUME 1

The 1st volume of this book deals with the theory of construction and operation of gyro compasses, rudders, rotors and sonometers, as well as presenting the representative types of these instruments.

Zacharias Tsoukalas

Publication
year:
1982



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

**ΝΑΥΤΙΚΑ
ΗΛΕΚΤΡΟΝΙΚΑ ΟΡΓΑΝΑ**

Ζαχαρία Δ. Τσουκαλά
ΚΑΘΗΓΗΤΗ ΑΔΣΕΝ/ΑΣΠΡΟΠΥΡΓΟΥ





ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΝΑΥΤΙΚΗ ΜΕΤΕΩΡΟΛΟΓΙΑ

Α. Ν. Καραλιπέρη
ΚΑΘΗΓΗΤΟΥ ΠΑΝΕΠΙΣΤΗΜΙΟΥ



MARINE METEOROLOGY

This book was written for Merchant Marine Schools [ADSEN] students. In its various chapters the following subjects are examined: sea and air temperature, atmospheric pressure and winds, general air circulation, water in the Earth's atmosphere, etc..

Leonidas
Karapiperis

Publication
year:
1981

ADSEN

MARINE STEAM BOILERS

This book deals with marine steam boilers, which are an integral part of the propulsion of ships. It was written for students of maritime lyceums, but is still used by today's students of the Academies [AEN].

Georgios Daniil,
Konstantinos
Mimikopoulos

Publication
year:
1982 (2nd edition)



ΛΥΚΕΙΑ ΔΟΚΙΜΩΝ ΑΞΙΩΜΑΤΙΚΩΝ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΝΑΥΤΙΚΟΙ ΑΤΜΟΛΕΒΗΤΕΣ

Γ. Φ. Δανιήλ - Κων. Ηρ. Μιμηρόπουλου
ΥΠΟΝΑΥΑΡΧΩΝ ΜΗΧ., ε.α.





MATHEMATICS FOR CAPTAINS (ADSEN)

This book was written during the academic year 1991-1992 and includes a number of applications and examples of mathematical issues of interest to students of captains course [ADSEN].

Christos Peppas

Publication
year:
1994 (2nd edition)

ADSEN

● Out of print

METEOROLOGY

This book was addressed to students of the maritime lyceums. It includes a short historical review and a general reference to the objectives, disciplines and applications of meteorology, especially maritime meteorology, while in parallel examining the extent, chemical composition, physical structure and ionization of the Earth's atmosphere.

Leonidas
Karapiperis

Publication
year:
1982



ΛΥΚΕΙΑ ΔΟΚΙΜΩΝ ΑΞΙΩΜΑΤΙΚΩΝ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΜΕΤΕΩΡΟΛΟΓΙΑ

Λ. Ν. Καραπιπέρη
ΚΑΘΗΓΗΤΟΥ ΠΑΝΕΠΙΣΤΗΜΙΟΥ



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ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΝΑΥΤΙΛΙΑ

Χρ. Ντούνη Αν. Δημαράκη



NAVIGATION (CELESTIAL NAVIGATION)

Celestial Navigation, the 2nd volume of Shipping, discusses the issues of maritime cosmography, time, celestial navigation, ocean navigation and tides.

Anastasios
Dimarakis,
Christos Dounis

Publication
year:
1988

ADSEN

NAVIGATION (COASTAL NAVIGATION)

In Coastal Vessels, the 1st volume of Shipping, modern shipping methods, theoretically documented and practically grounded, are presented in a way that provides the greatest benefit to students and maritime officers.

Anastasios
Dimarakis,
Christos Dounis

Publication
year:
1986



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΝΑΥΤΙΑΙΑ

Χρ. Ντούνη Αν. Δημαράκη



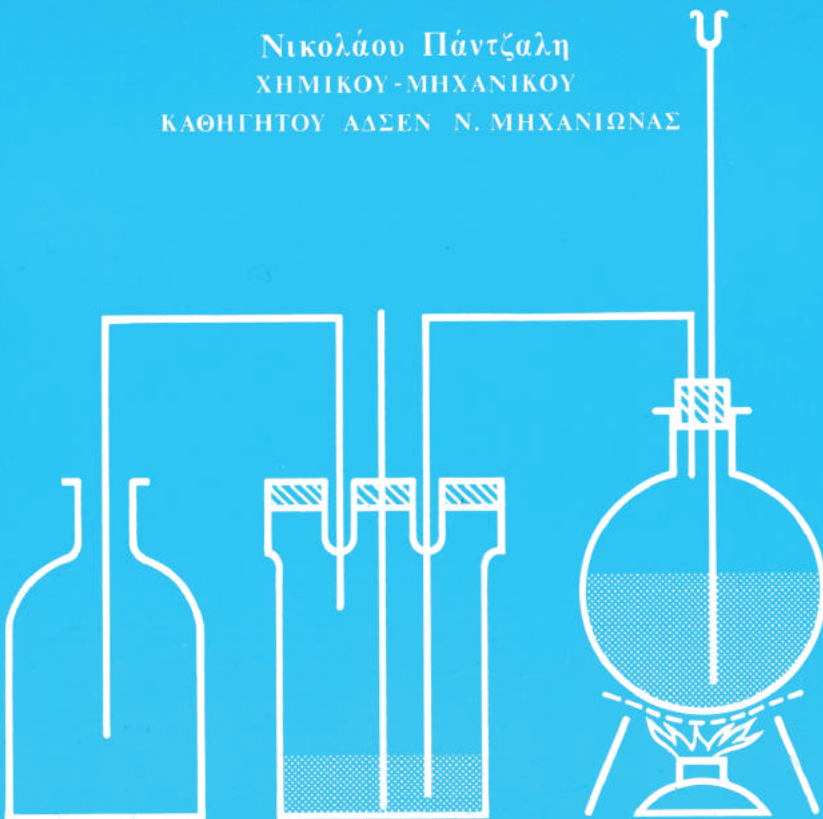


ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
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ΣΗΜΕΙΩΣΕΙΣ ΓΕΝΙΚΗΣ ΧΗΜΕΙΑΣ

ΑΔΣΕΝ - ΜΗΧΑΝΙΚΩΝ

Νικολάου Πάντζαλη
ΧΗΜΙΚΟΥ - ΜΗΧΑΝΙΚΟΥ
ΚΑΘΗΓΗΤΟΥ ΑΔΣΕΝ Ν. ΜΗΧΑΝΙΩΝΑΣ



NOTES ON GENERAL CHEMISTRY FOR ENGINEERS (ADSEN)

Notes on General Chemistry include topics of inorganic chemistry (solutions, chemical reactions, oxidation and reduction, galvanic elements and accumulators, electrolysis, etc.), as well as organic chemistry (organic compounds, aromatic compounds, petroleum and petrochemicals, polymers, etc.).

Nikolaos Pantzalis

Publication
year:
1992

ADSEN

● Out of print

NOTES ON PHYSICS II FOR ENGINEERS (ADSEN)

This was published to provide a complete and unified aid to students of the Physics II course taught at the Merchant Marine engineers course. This textbook helped students to cope successfully with the basic concepts of the course and to introduce them to those of thermal and nuclear energy, their utilisation and applications.

Konstantinos
Liotsios

Publication
year:
1993 (2nd edition)

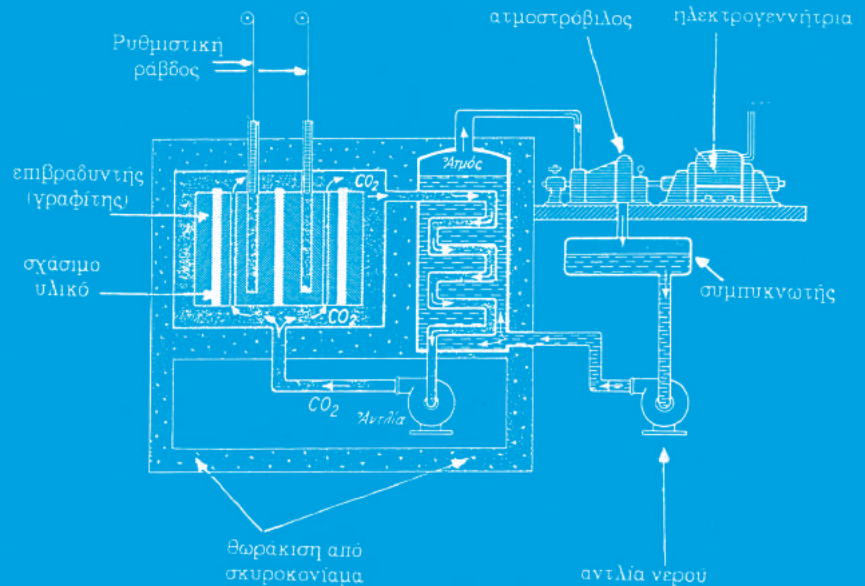
ADSEN



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΣΗΜΕΙΩΣΕΙΣ ΦΥΣΙΚΗΣ II ΑΔΣΕΝ - ΜΗΧΑΝΙΚΩΝ

Κων/νου Λιώτσιου
ΦΥΣΙΚΟΥ Α.Π.Θ.
ΚΑΘΗΓΗΤΟΥ ΑΔΣΕΝ ΜΑΚΕΔΟΝΙΑΣ



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ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΦΥΣΙΚΗ ΙΙ

ΤΟΜΟΣ ΠΡΩΤΟΣ

Ζαχαρία Δ. Τσουκαλά

ΚΑΘΗΓΗΤΗ ΑΔΣΕΝ/ΑΣΠΡΟΠΥΡΓΟΥ



PHYSICS II VOLUME 1

The 1st volume of Physics II lays down the necessary basics for understanding radar and radar navigation courses. In discussing all of the topics, adequate reference to the English terminology is made, which has proven useful for students in Captains and Radio Operators Merchant Marine Schools [ADSEN].

Zacharias Tsoukalas

Publication
year:
1986

ADSEN

PHYSICS II VOLUME 2

Building on the first volume, the 2nd volume of Physics II continues with topics related to: electrical elements – batteries, electric machines, electrotechnical applications on ships and electric lighting– computers.

Polyxeni
Giannakopoulou-
Laskaratou,
Spyridon
Vassilakopoulos,
Zacharias Tsoukalas,
Ioannis Stathopoulos,
Frangiskos Topalis

Publication
year:
1988



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΦΥΣΙΚΗ ΙΙ

ΤΟΜΟΣ ΔΕΥΤΕΡΟΣ





ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

PANTAR

Ζαχαρία Δ. Τσουκαλά
ΚΑΘΗΓΗΤΗ ΑΔΣΕΝ/ΑΣΠΡΟΠΥΡΓΟΥ



RADAR

This book includes the principles of radar operation, the operation of radar device circuits, its features, installation and operation control, switches, regulators, overall handling and other radar-related topics.

Zacharias Tsoukalas

Publication
year:
1986

ADSEN

RADAR UTILIZATION – PLOTTING AIDS

This book is a continuation of the Radar volume and includes the possibilities and limitations that radar poses in navigation, as well as presenting various plotting aids (mainly ARPA).

Zacharias Tsoukalas

Publication
year:
1988



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΕΚΜΕΤΑΛΛΕΥΣΗ ΠΑΝΤΑΡ
ΒΟΗΘΗΜΑΤΑ ΥΠΟΤΥΠΩΣΕΩΣ

Ζαχαρία Δ. Τσουκαλά
ΚΑΘΗΓΗΤΗ ΑΔΣΕΝ/ΑΣΠΡΟΠΥΡΓΟΥ



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ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΡΑΔΙΟΝΑΥΤΙΛΙΑ

(Ηλεκτρονική Ναυτιλία)

ΑΘΑΝΑΣΙΟΥ ΗΛ. ΠΑΛΛΗΚΑΡΗ
ΠΛΟΙΑΡΧΟΥ Π.Ν.



RADIO NAVIGATION (ELECTRONIC NAVIGATION)

This work examines radio navigation and electronic maritime issues. In this 4th edition, certain changes were made in order to cover the e-shipping advances of that time, such as the development of ECDIS mapping systems and the integration of the global satellite positioning system [GPS].

Athanasios Pallikaris

Publication
year:
1997 (4th edition)

RADIO NAVIGATION (NOTES)

These Notes were published in order to provide a complete and unified tool for the students of Merchant Marine Schools [ADSEN] in the radio and electronic navigation course.

Athanasios Pallikaris

Publication
year:
1989



ΡΑΔΙΟΝΑΥΤΙΛΙΑ ΣΗΜΕΙΩΣΕΙΣ

Αθανασίου Ηλ. Παλληκάρη

ΠΛΩΤΑΡΧΗ Π.Ν.



**ΑΘΗΝΑ
1989**



ΑΔΣΕΝ - ΚΕΣΕΝ

ΡΑΔΙΟΤΗΛΕΤΥΠΙΚΕΣ ΕΠΙΚΟΙΝΩΝΙΕΣ

Α. Καρατζή - Γ. Τζανιδάκη



RADIOTELETYPE COMMUNICATIONS

This book was designed to cover the needs of Merchant Marine Schools and Merchant Marine Training Centre [KESEN] students in the field of telecommunications and at the same time to help fill the gap in the Greek bibliography in this sector.

A. Karatzis,
G. Tzanidakis

Publication
year:
1988

ADSEN

SATELLITE COMMUNICATIONS

This book was an initial approach to the telecommunication and technological developments of the time. The content constituted the first part of a section that referred to the telecommunication systems used in shipping.

A. Karatzis,
G. Tzanidakis

Publication
year:
1988



ΑΔΣΕΝ-ΚΕΣΕΝ

ΔΟΡΥΦΟΡΙΚΕΣ ΕΠΙΚΟΙΝΩΝΙΕΣ

Α. Καρατζή - Γ. Τζανιδάκη



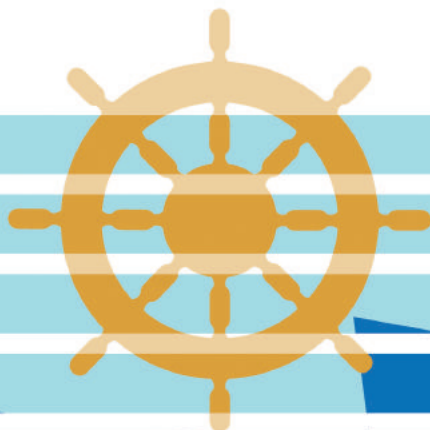
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**ΒΙΒΛΙΟΘΗΚΗ
ΤΟΥ ΝΑΥΤΙΚΟΥ**

Γεωργίου Ιωσήφ Φαμηλωνίδη
ΚΑΘΗΓΗΤΗ ΑΔΣΕΝ ΑΣΠΡΟΠΥΡΓΟΥ

ΝΑΥΤΙΚΗ ΤΕΧΝΗ



SEAMANSHIP

The present book, which was used for many years by the cadet captains of the Merchant Marine Schools [ADSEN] and of the Merchant Marine Academies [AEN], provided the knowledge and basic principles of ship handling. Solid theoretical knowledge, combined with practical experience, contributed to the high level of training seafarers. At the same time, this book is useful for anyone who works with the sea.

Georgios FAMILONIDIS

Publication
year:
1989

ADSEN

● *Out of print*

SHIPS' AUXILIARY MACHINERY

This book provides general definitions and explains the purpose served by each of the auxiliary machines and devices on board, followed by standard configurations of each auxiliary installation.

Georgios Daniil,
Konstantinos
Mimikopoulos

Publication
year:
1988 (2nd edition)

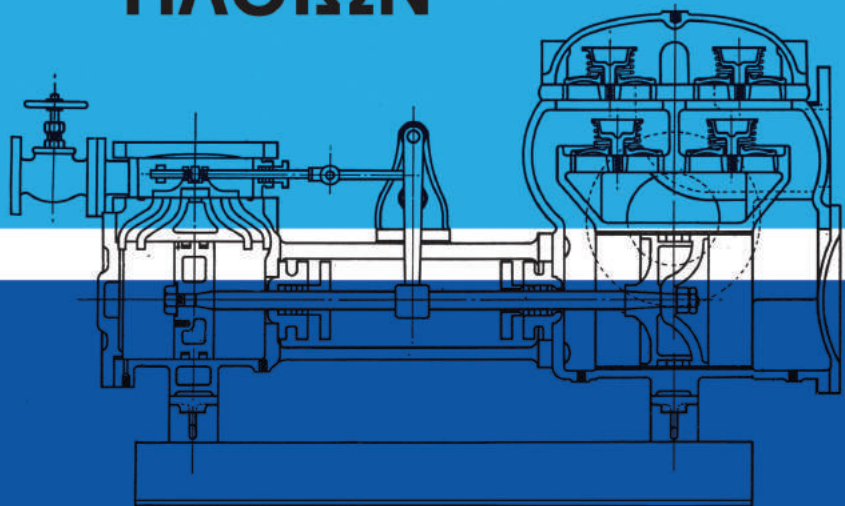


ΒΙΒΛΙΟΘΗΚΗ
ΤΟΥ ΝΑΥΤΙΚΟΥ

ΓΕΩΡΓΙΟΥ Φ. ΔΑΝΙΗΛ
ΥΠΟΝΑΥΑΡΧΟΥ ΜΗΧ. ε.α.

ΚΩΝ. ΗΡ. ΜΙΜΗΚΟΠΟΥΛΟΥ
ΑΡΧΙΠΛΟΙΑΡΧΟΥ (ΤΜ) Π.Ν.

ΒΟΗΘΗΤΙΚΑ ΜΗΧΑΝΗΜΑΤΑ ΠΛΟΙΩΝ



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ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ
ΠΛΟΙΑΡΧΩΝ

ΝΑΥΠΗΓΙΑ

Ιωάννου Εμ. Κολλινιάτη
ΠΛΟΙΑΡΧΟΥ (Μ)Π.Ν.
ΔΠΠ. ΝΑΥΠΗΓΟΥ (Μ.Ι.Τ.)



SHIPBUILDING

This book is addressed to students of the captains course [ADSEN]. Its main purpose was to cover the knowledge of shipbuilding issues useful to the ship's operator. In addition, the book was meant to serve as an aid not only to students of the Merchant Marine Schools, but also for more specialized personnel within shipping society.

Ioannis Kolliniatis

Publication
year:
1991 (2nd edition)

ADSEN

SPHERICAL TRIGONOMETRY

This book was an important aid to people interested in astronomy, but also to captains of both merchant marine and naval ships, both during their initial studies and also when preparing for higher-level diplomas.

Christos Peppas

Publication
year:
1988



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΣΦΑΙΡΙΚΗ ΤΡΙΓΩΝΟΜΕΤΡΙΑ

Χρήστου Ι. Πέππα
ΚΑΘΗΓΗΤΗ ΜΑΘΗΜΑΤΙΚΩΝ
ΣΧΟΛΩΝ ΑΔΣΕΝ/ΑΣΠΡΟΠΥΡΓΟΥ





ΛΥΚΕΙΑ ΔΟΚΙΜΩΝ ΑΞΙΩΜΑΤΙΚΩΝ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΕΥΣΤΑΘΕΙΑ-ΦΟΡΤΩΣΗ

Ιωάννου Εμ. Κολλινιάτη

ΠΛΟΙΑΡΧΟΥ (Μ)Π.Ν.
ΔΙΠΛ. ΝΑΥΠΗΓΟΥ (Μ.Ι.Τ.)



STABILITY – LOADING

This book covers the full range of knowledge required for the proper and safe utilization of the ship and was designed to give ship operators the greatest degree of understanding of specific issues concerning ship loading and stability.

Ioannis Kolliniatis

Publication
year:
1983

STEAM ENGINES

This book contains the teaching material on marine steam engines, both reciprocating and turbine. During its writing extra effort was put in to make this a useful textbook for students, but also subsequently a professional career manual.

Georgios Daniil,
Konstantinos
Mimikopoulos

Publication
year:
1983



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΑΤΜΟΜΗΧΑΝΕΣ

Γ. Φ. Δανιήλ - Κων. Ηρ. Μιμηκόπουλου



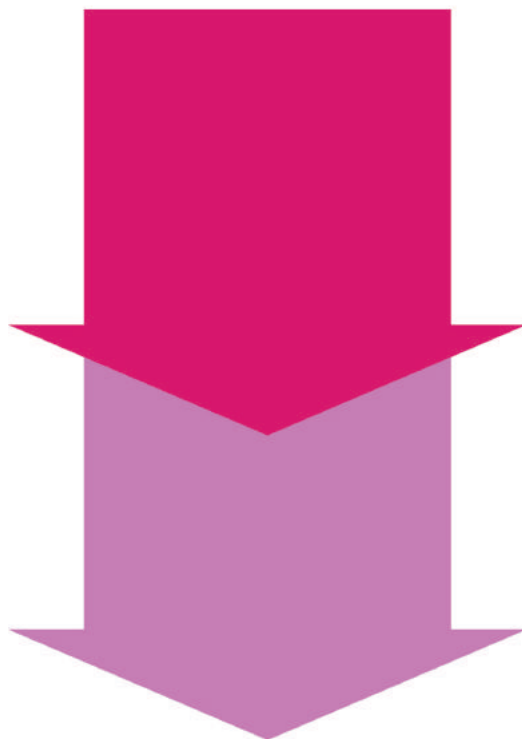


ΒΙΒΛΙΟΘΗΚΗ
ΤΟΥ ΝΑΥΤΙΚΟΥ

ΚΩΝ. Ζ. ΠΑΓΩΝΑΡΗ

ΠΛΟΙΑΡΧΟΥ (Μ) Π. Ν.
ΜΗΧΑΝΟΛΟΓΟΥ - ΜΗΧΑΝΙΚΟΥ Ν. Ρ. Γ. Σ. ΗΠΑ

ΤΕΧΝΙΚΗ ΘΕΡΜΟΔΥΝΑΜΙΚΗ



TECHNICAL THERMODYNAMICS

This book was designed to help the students of Merchant Marine engineers course [ADSEN] to understand technical thermodynamics, one of the most basic lessons for officers dealing with marine engines.

Konstantinos
Pagonaris

Publication
year:
1988

ADSEN

TECHNOLOGY OF MACHINING MATERIALS

The aim of this book was to help readers understand the crystalline structure, mechanical and other characteristic properties, thermal treatment and industrial applications of the most commonly used materials.

Petros
Petropoulos

Publication
year:
1986 (2nd edition)



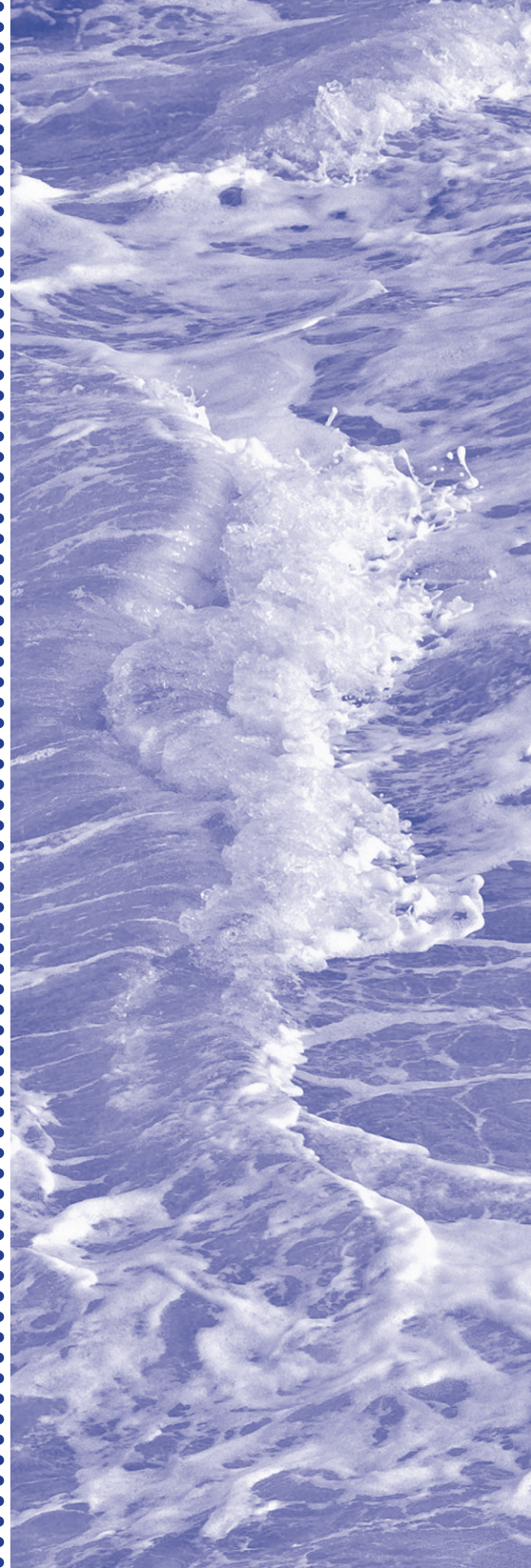
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Πέτρου Γ. Πετρόπουλου
ΚΑΘΗΓΗΤΗ ΠΑΝ/ΜΙΟΥ ΘΕΣ/ΝΙΚΗΣ



MERCHANT MARINE
ACADEMIES [AEN]
(2003 TO DATE)



APPLIED MATHEMATICS

This training manual was previously used by students of the Merchant Marine Academies [AEN] and was replaced by the Mathematics (Captains – Engineers) textbook. The aim was to provide students with a thorough and pedagogically effective introduction to the basic mathematical concepts. These basic concepts act as the necessary foundation for students to build their knowledge base through their other coursework and the experiences gained during their careers as merchant marine officers.

Markos Koutras

Publication year:
2010

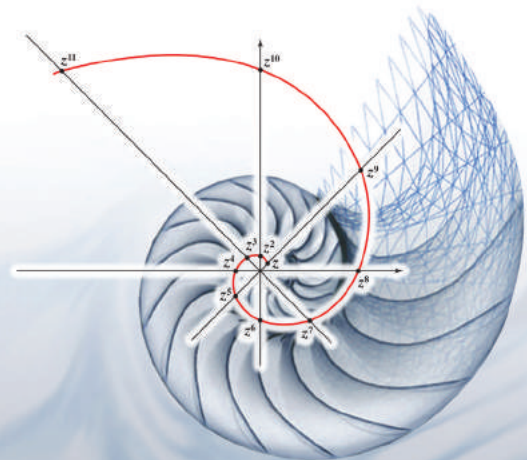


ΧΡΥΣΟΝ ΜΕΤΑΛΛΙΟΝ
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ΕΦΑΡΜΟΣΜΕΝΑ ΜΑΘΗΜΑΤΙΚΑ

ΜΑΡΚΟΥ Β. ΚΟΥΤΡΑ



$$z = \sqrt{2} \left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4} \right)$$

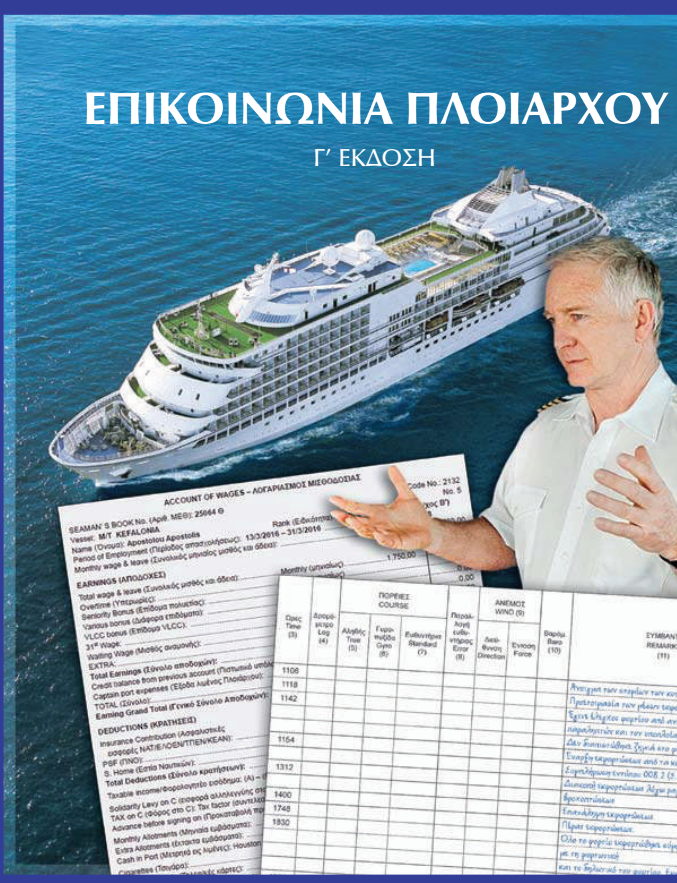
ΑΘΗΝΑ 2010



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΕΠΙΚΟΙΝΩΝΙΑ ΠΛΟΙΑΡΧΟΥ Γ' ΕΚΔΟΣΗ



Χρ. Α. Αντωνόπουλου
Αγλαίας Α. Διαμαντή
Γεωργίου Μ. Δούναβη
Διονύση Δ. Ρασσιά

ΑΘΗΝΑ 2017

CAPTAINS' COMMUNICATIONS

The 3rd version of The Correspondence Manual, renamed Captains' Communications, relates to the ship's administrative and accounting communications. This updated edition includes additions, adjustments and improvements to its content based on current trends in shipping and takes into account the observations and corrections of Academy [AEN] teaching staff.

Christos Antonopoulos,
Aglia Diamanti,
Georgios Dounavis,
Dionysios Rassias

Publication
year:
2017 (3rd edition)

AEN

In print

CARGO TRANSPORT

This manual is intended for teaching the course 'Cargo Transport' to students of the 5th and 6th semesters of the captains course. Its material provides the basic knowledge needed for the novice 3rd captain to respond adequately and effectively to his/her duties as deck officer and to be able to understand immediately the issues of handling cargo loads and overseeing their stowage and insurance.

Nikolaos Zygomalas

Publication
year:
2015 (2nd edition)



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΜΕΤΑΦΟΡΑ ΦΟΡΤΙΩΝ

ΝΙΚΟΛΑΟΥ Α. ΖΥΓΟΜΑΛΑ
Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2015



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΓΕΩΡΓΙΟΥ Μ. ΛΥΜΠΕΡΗ
ΕΜΜΑΝΟΥΗΛ Κ. ΤΑΜΠΑΚΑΚΗ

Γ' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2016

COMMUNICATIONS I

The present edition of the handbook Communications I was written to accompany the 2nd-semester 'Maritime Communications I' captains course of the Merchant Marine Academies [AEN]. At the same time, it aspires to be a useful aid for the professional seafarer and any interested person.

Georgios Lymberis,
Emmanouil
Tabakakis

Publication
year:
2016 (3rd edition)

AEN

● In print

COMMUNICATIONS II

The 2nd edition of the Communications II manual is taught in the course 'Maritime Communications II' in the 4th semester of Merchant Marine Academies [AEN] captains course. In this handbook, such issues as the basic concept of the 'Global Maritime Distress and Safety System', its functional requirements and the services it offers, etc., are analysed.

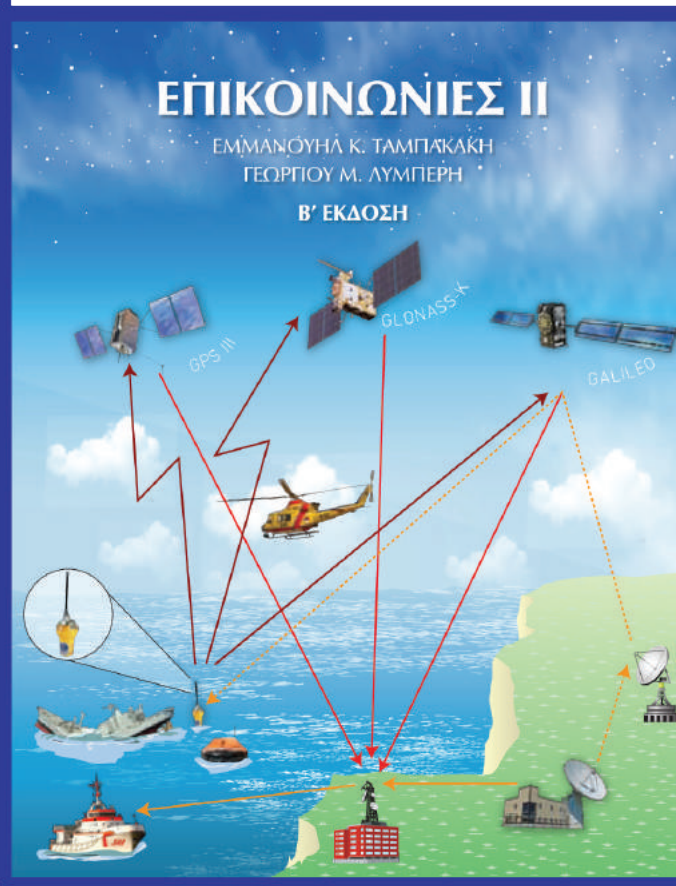
Emmanouil Tabakakis,
Georgios Lymberis

Publication
year:
2017 (2nd edition)



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΑΘΗΝΑ 2017

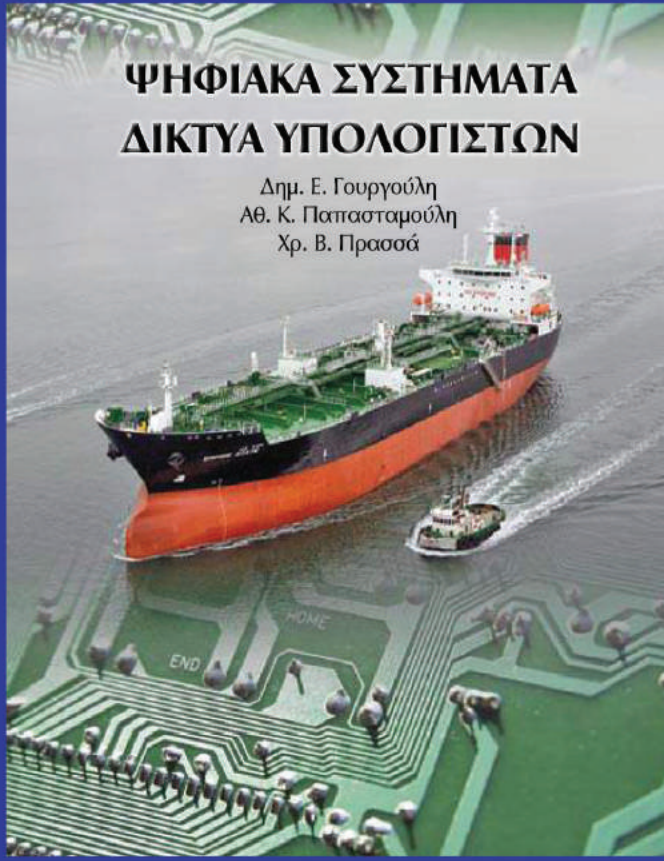


ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΨΗΦΙΑΚΑ ΣΥΣΤΗΜΑΤΑ ΔΙΚΤΥΑ ΥΠΟΛΟΓΙΣΤΩΝ

Δημ. Ε. Γουργούλη
Αθ. Κ. Παπασταμούλη
Χρ. Β. Πρασά



ΑΘΗΝΑ 2018

DIGITAL SYSTEMS – COMPUTER NETWORKS

The Digital Systems – Computer Networks manual is designed to cover curriculum demands for the corresponding 4th-semester course of the Academies [AEN] for engineers and conforms to the new training and certification requirements of the STCW 1978 International Convention (Manila amendments 2010). The manual deals with digital electronics as they apply to maritime technology, analyses the sections of a digital control system and presents the analogue-to-digital and vice-versa converters.

Dimitrios Gourgoulis,
Athanasios Papastamoulis,
Christos Prassas

Publication
year:
2018

AEN

ELECTRICAL MACHINES VOLUME 1

This textbook is addressed to students of engineering in the 3rd semester of the Merchant Marine Academies [AEN]. Its aim is to provide understanding of the principles of electromagnetism and the operation principles of electrical configurations-devices (transformers, rectifiers, direct current machines and modern generators), which are analysed in corresponding chapters.

Aristides Vlachos

Publication
year:
2016

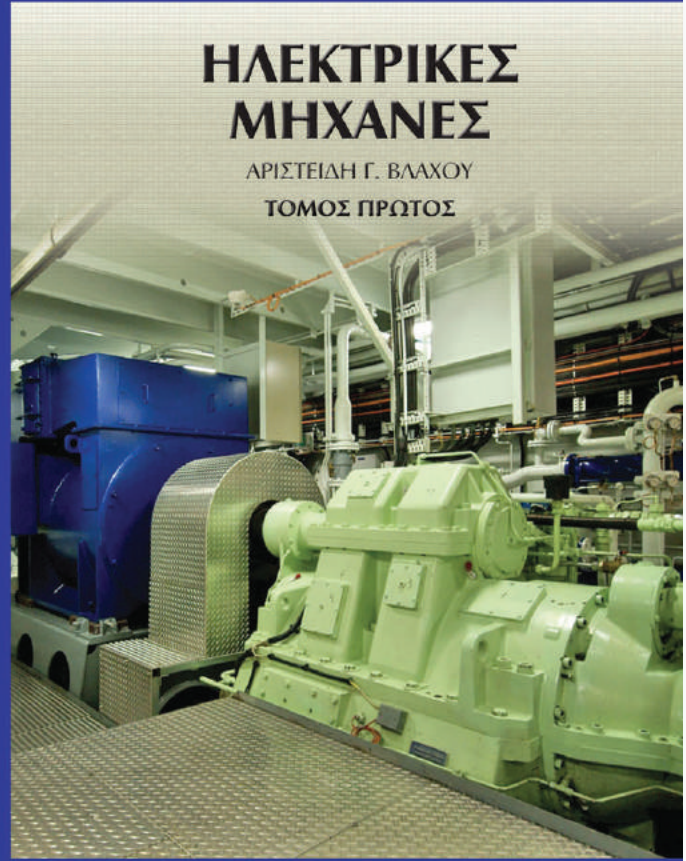


ΧΡΥΣΟΝ ΜΕΤΑΛΛΙΟΝ
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ΗΛΕΚΤΡΙΚΕΣ ΜΗΧΑΝΕΣ

ΑΡΙΣΤΕΙΔΗ Γ. ΒΛΑΧΟΥ
ΤΟΜΟΣ ΠΡΩΤΟΣ



ΑΘΗΝΑ 2016

AEN

● In print

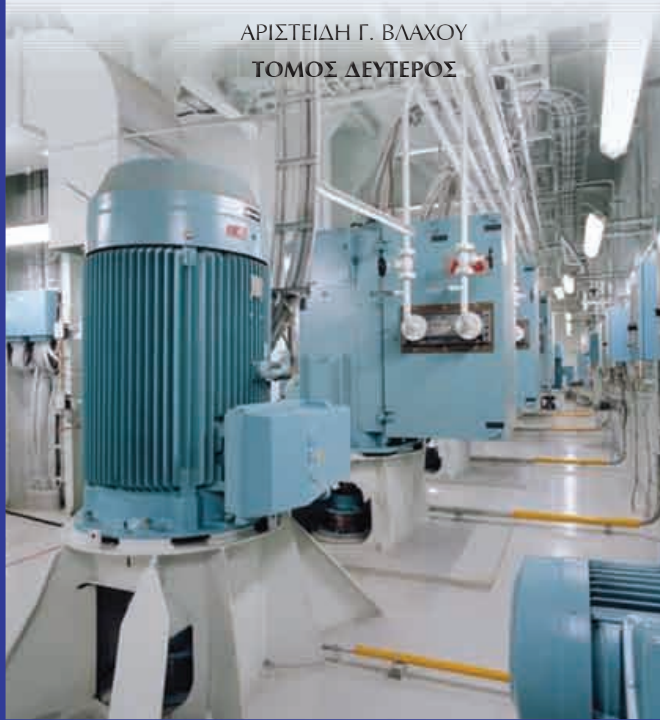


ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΗΛΕΚΤΡΙΚΕΣ ΜΗΧΑΝΕΣ

ΑΡΙΣΤΕΙΔΗ Γ. ΒΛΑΧΟΥ
ΤΟΜΟΣ ΔΕΥΤΕΡΟΣ



ΑΘΗΝΑ 2016

ELECTRICAL MACHINES VOLUME 2

The 2nd volume of Electrical Machines is addressed to 5th-semester Academy [AEN] students of engineering. Its objective is for students to understand the principles of operation of electrical configurations-devices, which are analysed in corresponding chapters.

Aristides Vlachos

Publication
year:
2016

AEN

● In print

ELECTRONICS

This book is intended for use by 2nd-semester students of Merchant Marine engineers course. The book analyses basic concepts of the science of electronics, such as semiconductors, diodes, amplifiers, point contact transistors, transducers, electronic power elements, etc..

Theodoros
Deligiannis

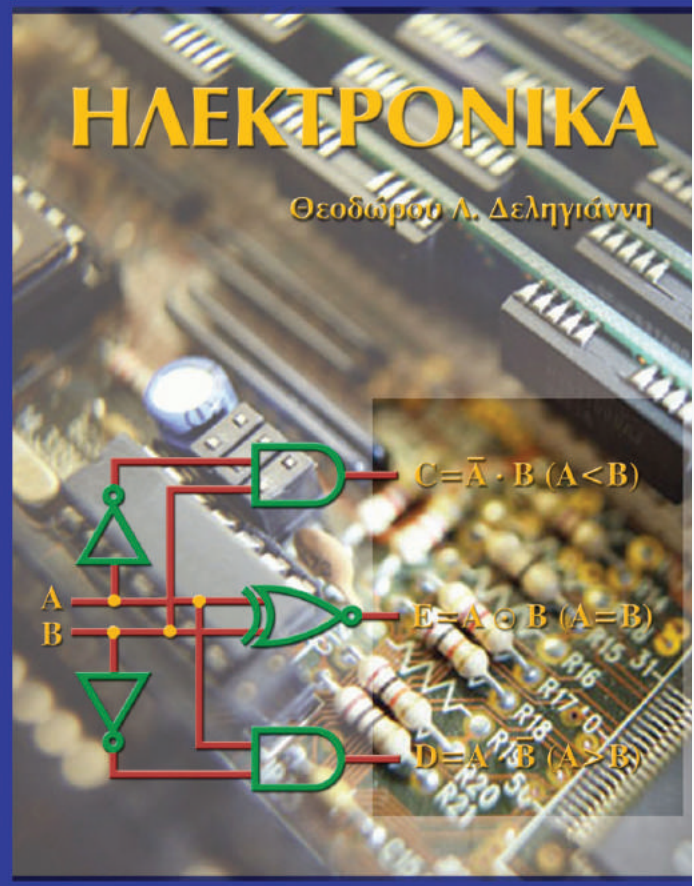
Publication
year:
2004



ΕΚΠΑΙΔΕΥΤΙΚΟ ΚΕΙΜΕΝΟ
ΑΚΑΔΗΜΙΩΝ ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΗΛΕΚΤΡΟΝΙΚΑ

Θεοδώρου Α. Δεληγιάνη



ΑΘΗΝΑ 2004



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
ΑΚΑΔΗΜΙΑΣ ΑΘΗΝΩΝ

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ΣΤΟΙΧΕΙΑ ΝΑΥΤΙΚΟΥ ΔΙΚΑΙΟΥ

ΠΑΝΑΓΙΩΤΗ ΠΕΡ. ΛΥΚΟΥΔΗ

Γ' ΕΚΔΟΣΗ
Επιμέλεια ΔΗΜ. ΒΑΣΙΛΑΚΗ



ΑΘΗΝΑ 2014

ELEMENTS OF MARITIME LAW

The 3rd edition of this book discusses the principles of law and their importance, various elements of maritime law and such concepts as the legal definition of the ship, seamen's contracts, etc., introductory concepts of international law, the law of the sea, special economic zones, piracy and terrorism at sea, etc., and basic knowledge about the IMO and other regulations and conventions.

Panagiotis Lykoudis
Editor: Dimitrios Vassilakis

Publication
year:
2014 (3rd edition)

AEN

**ENGLISH GRAMMAR
FOR THE MERCHANT
MARINE ACADEMIES**
PART ONE

This book familiarizes students with the required English grammar and also provides a significant portion of the terminology that is necessary for future merchant marine officers (captains and engineers), in subjects that have been prescribed by the International Maritime Organization [IMO] as some of the basic requirements of specialized maritime training.

Ilias Tsonis

Publication
year:
2003

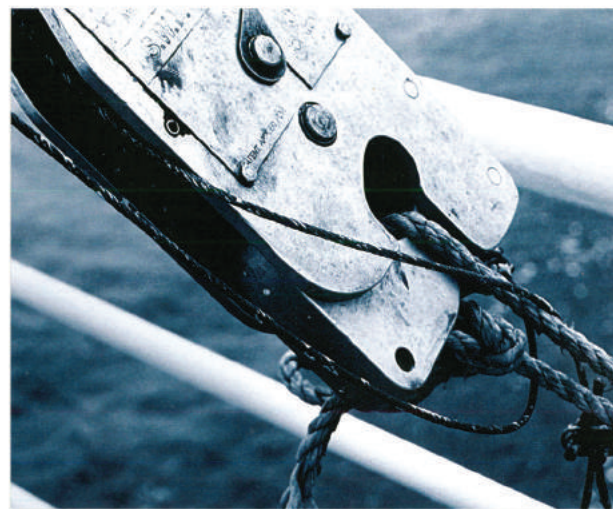


ΕΚΠΑΙΔΕΥΤΙΚΟ ΚΕΙΜΕΝΟ
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**ENGLISH GRAMMAR
for the
Merchant Marine Academies**

Part One

Ηλία Πέτρου Τσώνη



ΑΘΗΝΑ 2003



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
ΑΚΑΔΗΜΙΑΣ ΑΘΗΝΩΝ

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ENGLISH GRAMMAR for the Merchant Marine Academies

Part Two

Ηλία Πέτρου Τσώνη



ΑΘΗΝΑ 2004

ENGLISH GRAMMAR FOR THE MERCHANT MARINE ACADEMIES PART TWO

The 2nd volume of English grammar discusses various grammatical phenomena of the English language, providing examples of their application from maritime texts. The volume includes additional significant terminology for future officers, thus covering more of the basic specifications required by the International Maritime Organization [IMO].

Ilias Tsonis

Publication
year:
2004

AEN

ENGLISH GRAMMAR FOR THE MERCHANT MARINE ACADEMIES PART THREE

In this 3rd volume of English grammar, in addition to presenting grammatical phenomena of the English language and terminology, particular emphasis is placed on the grammar of phrase building and connecting sentences in order to improve the writing skills of students. Also, given the nature of the schools, a specific chapter on the technical and grammatical structure of Seaspeak was added.

Ilias Tsonis

Publication
year:
2005



ΧΡΥΣΟΝ ΜΕΤΑΛΛΙΟΝ
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ENGLISH GRAMMAR for the Merchant Marine Academies

Part Three

Ηλία Πέτρου Τσώνη



ΑΘΗΝΑ 2005

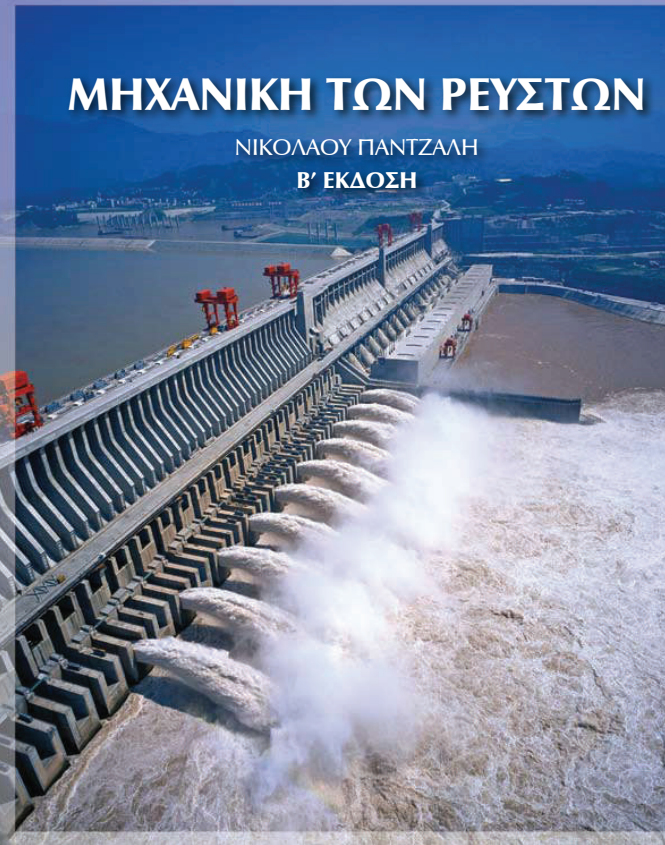


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Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2017

FLUID MECHANICS

This book aspires to motivate merchant marine engineering students to further deepen their knowledge of issues related to the characteristics and flow behaviour of fluids and the operation of equipment used in circulating fluids. The book is also aimed at being a useful aid to the professional engineer.

Nikolaos Pantzalis

2nd edition editor:
Nikolaos Tsitsos

Publication
year:
2017 (2nd edition)

AEN

● In print

HUMAN RELATIONS

This 2nd edition of the Human Relations textbook covers the teaching of the 5th-semester captains' human relations course, as well as the 5th semester engineers course titled 'Human Resource Management'. The textbook discusses general human-relations issues, but also particular human relations within a ship's society, communication, social and work environment and education.

Konstantina
Palamiotou

Publication
year:
2016 (2nd edition)



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ΚΩΝΣΤΑΝΤΙΝΑΣ Κ. ΠΑΛΑΜΙΟΤΟΥ

Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2016



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Ιωάννη Α. Αποστολάκη — Βασιλείου Ν. Μιχαλακοπούλου
Σπυριδωνα Δ. Μπακογιάννη — Σωτηρίου Γ. Μπερσίμη
Θεοδώρου Γ. Οικονόμου — Ευαγγέλου Κ. Παππά



ΑΘΗΝΑ 2007

INFORMATICS AND COMPUTERS

This revised 2nd edition of Informatics incorporated all the trends and developments in the personal computer industry and the way in which they are used.

Ioannis Apostolakis,
Vassilios Michalakopoulos,
Spyridon Bakoyannis,
Sotirios Bersimis,
Theodoros Economou,
Evangelos Pappas

Publication
year:
2007 (2nd edition)

AEN

INTERNAL COMBUSTION ENGINES VOLUME 1

This 2nd edition of the textbook Internal Combustion Engines, Volume 1, incorporates the necessary changes that improve and update its contents by taking into account the technological advances that have taken place in this subject since the book was first published in 2011, as well as changes in the relevant international standards and regulations.

Lazaros Klianis,
Ioannis Nikolos,
Ioannis Sideris

Publication
year:
2017 (2nd edition)



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΟΥΝ
ΑΚΑΔΗΜΙΩΝ ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

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ΜΗΧΑΝΕΣ ΕΣΩΤΕΡΙΚΗΣ ΚΑΥΣΕΩΣ

ΤΟΜΟΣ ΠΡΩΤΟΣ

Β' ΕΚΔΟΣΗ



Λαζάρου Χ. Κλιάνη
Ιωάννη Κ. Νικολού
Ιωάννη Α. Σιδέρη

ΑΘΗΝΑ 2017



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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Λαζάρου Χ. Κλιάνη
Ιωάννη Κ. Νικολού
Ιωάννη Α. Σιδέρη

ΑΘΗΝΑ 2018

INTERNAL COMBUSTION ENGINES VOLUME 2

In the present 2nd edition of the book Internal Combustion Engines, Volume 2, the necessary changes were made to improve and update its contents taking into account the technological advances that have taken place in the subject since the 1st edition, as well as the changes in international standards and regulations. In addition, the material included in the book has been rearranged where needed, and new elements have been added to conform to the approved Academy [AEN] curriculum.

Lazaros Klianis,
Ioannis Nikolos,
Ioannis Sideris

Publication
year:
2018 (2nd edition)

AEN

INTERNATIONAL REGULATIONS – MARITIME POLICY AND THE LAW OF THE SEA

This manual is an updated and revised 3rd edition dealing with issues of international regulations, including national legislation with a major impact on the tanker market, selected issues of international, EU and national maritime policy and issues related exclusively to the international law of the sea

Aristotelis Alexopoulos,
Nikolaos Fournarakis

3rd edition editor:
Aristotelis Alexopoulos

Publication
year:
2015 (3rd edition)



ΧΡΥΣΟΝ ΜΕΤΑΛΛΙΟΝ
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ΔΙΕΘΝΕΙΣ ΚΑΝΟΝΙΣΜΟΙ – ΝΑΥΤΙΛΙΑΚΗ ΠΟΛΙΤΙΚΗ ΚΑΙ ΔΙΚΑΙΟ ΤΗΣ ΘΑΛΑΣΣΑΣ

ΑΡΙΣΤ. Β. ΑΛΕΞΟΠΟΥΛΟΥ
ΝΙΚ. Γ. ΦΟΥΡΝΑΡΑΚΗ

Γ' ΕΚΔΟΣΗ
Επιμέλεια ΑΡΙΣΤ. Β. ΑΛΕΞΟΠΟΥΛΟΥ



ΑΘΗΝΑ 2015

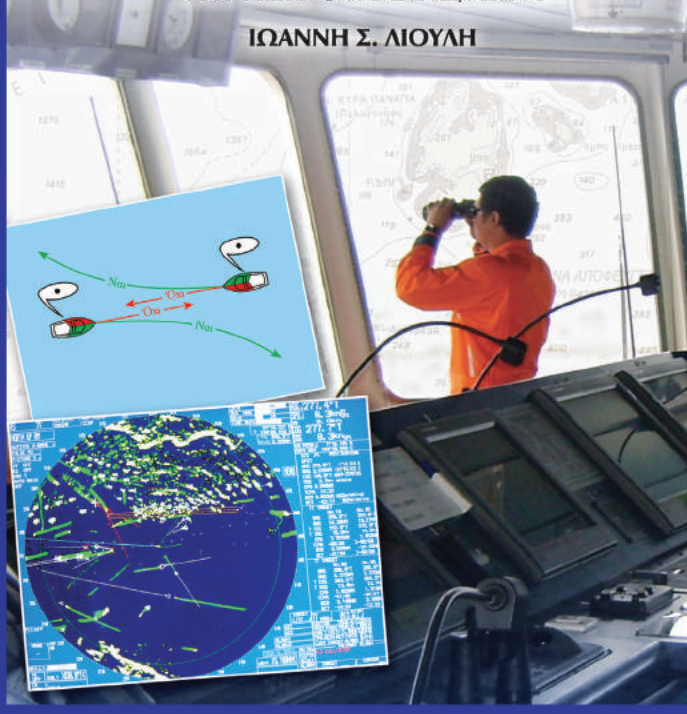


ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΙΩΑΝΝΗ Σ. ΛΙΟΥΛΗ



ΑΘΗΝΑ 2012

INTERNATIONAL REGULATIONS FOR THE PREVENTION OF COLLISIONS AT SEA – BRIDGE WATCHKEEPING/ARPA

This book aims to offer comprehensive knowledge to the cadet captains of the Merchant Marine Academies attending the 'International Regulations for Avoiding Collisions at Sea' and 'Bridge Watch Keeping/ARPA' courses. The book can also be used as a basic reference manual by captains, officers on watch and in general by the whole bridge team.

Ioannis Lioulis

Publication
year:
2012

AEN

INTRODUCTION TO AUTOMATED CONTROL SYSTEMS

This book is addressed to students of the Merchant Marine Academies and covers a wide range of ship automation topics. It also serves two purposes: it introduces the student to the general concepts and techniques of automation and presents automations as they are applied to marine technology.

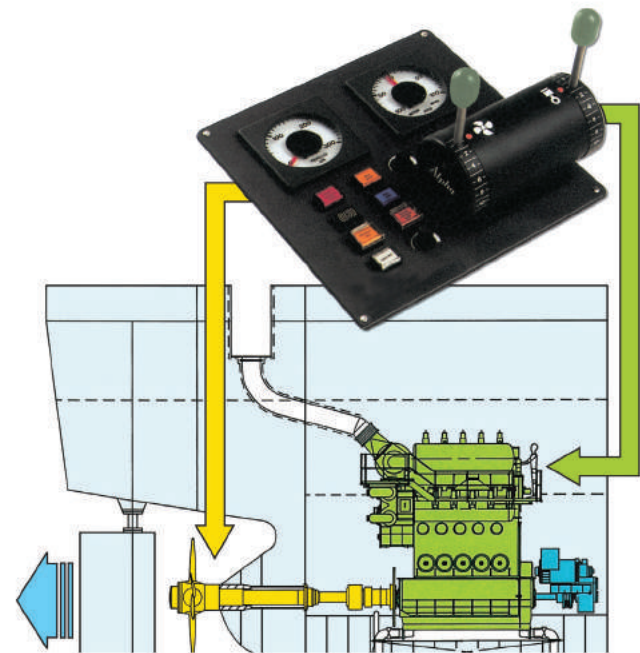
Ioannis Vlachogiannis,
Dimitrios Papachristou,
Georgios Chamilothis

Publication
year:
2009 (2nd edition)



ΕΚΠΑΙΔΕΥΤΙΚΟ ΚΕΙΜΕΝΟ
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Ι. Γ. Βλαχογιάννη
Δ. Α. Παπαχρήστου
Γ. Ε. Χαμηλοθώρη

ΑΘΗΝΑ 2009



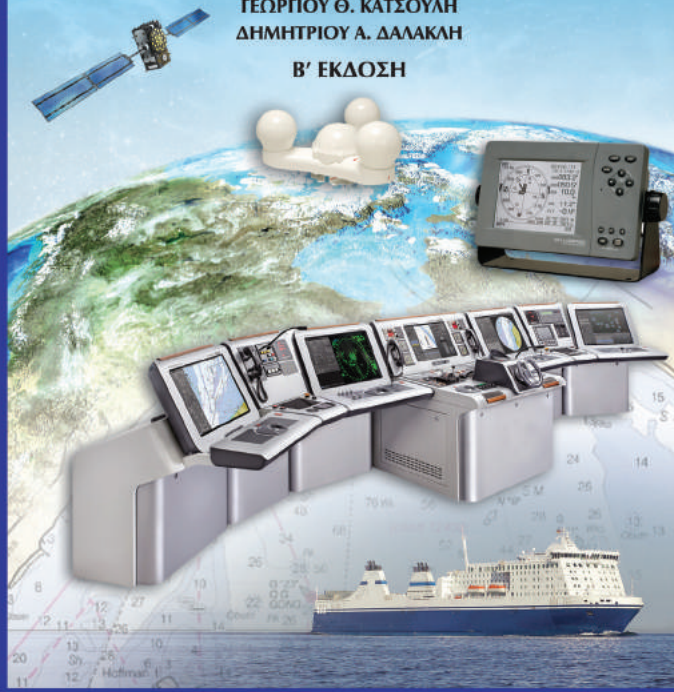
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ΑΘΑΝΑΣΙΟΥ Η. ΠΑΛΛΗΚΑΡΗ
ΓΕΩΡΓΙΟΥ Θ. ΚΑΤΣΟΥΛΗ
ΔΗΜΗΤΡΙΟΥ Α. ΔΑΛΑΚΛΗ

Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2016

MARITIME ELECTRONIC INSTRUMENTS AND ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEMS (ECDIS)

The main purpose of this book is to cover the new training needs of the Academies [AEN] in the 'Electronic Instruments and Electronic Chart Systems (ECDIS) 3rd-semester course, conforming with the revised standards of the STCW 1978 International Convention (Manila amendments 2010). At the same time, the book can also serve as a basic reference manual for bridge watchkeeping officers and captains.

Athanasios Pallikaris,
Georgios Katsoulis,
Dimitrios Dalaklis

Publication
year:

2016 (2nd edition)

AEN

MARITIME ENGLISH VOLUME 1

This book is used by Academy [AEN] students (1st, 2nd and 3rd semesters) and aims to help them acquire the language skills that will enable them to communicate fluently in their professional environment. This updated version incorporates and replaces the three previous ones: Maritime English for the 1st Semester, Maritime English for the 2nd Semester and Maritime English for the 3rd Semester.

Paraskevi
Papaleonida

Publication
year:
2015



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MARITIME ENGLISH

VOLUME 1

ΠΑΡΑΣΚΕΥΗ Α. ΠΑΠΑΛΕΩΝΙΔΑ



ΑΘΗΝΑ 2015

AEN

● In print



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MARITIME ENGLISH

VOLUME 2

ΠΑΡΑΣΚΕΥΗ Α. ΠΑΠΑΛΕΩΝΙΔΑ



ΑΘΗΝΑ 2016

MARITIME ENGLISH VOLUME 2

This book is intended for the maritime English courses for the 4th, 5th and 6th semesters of the Merchant Marine Academies and aims to help students acquire the language skills that will enable them to communicate fluently in their professional environment.

Paraskevi
Papaleonida

Publication
year:
2016

AEN

● In print

MARITIME GEOGRAPHY

The Maritime Geography textbook aims to provide students with knowledge of the basic elements of oceanography and the properties of seawater, continents, the oceans and other main sea masses, and the major ports and the goods transported from them, as well as providing knowledge about large navigable rivers, lakes and canals.

Polyxeni Moira,
Dimitrios
Mylonopoulos

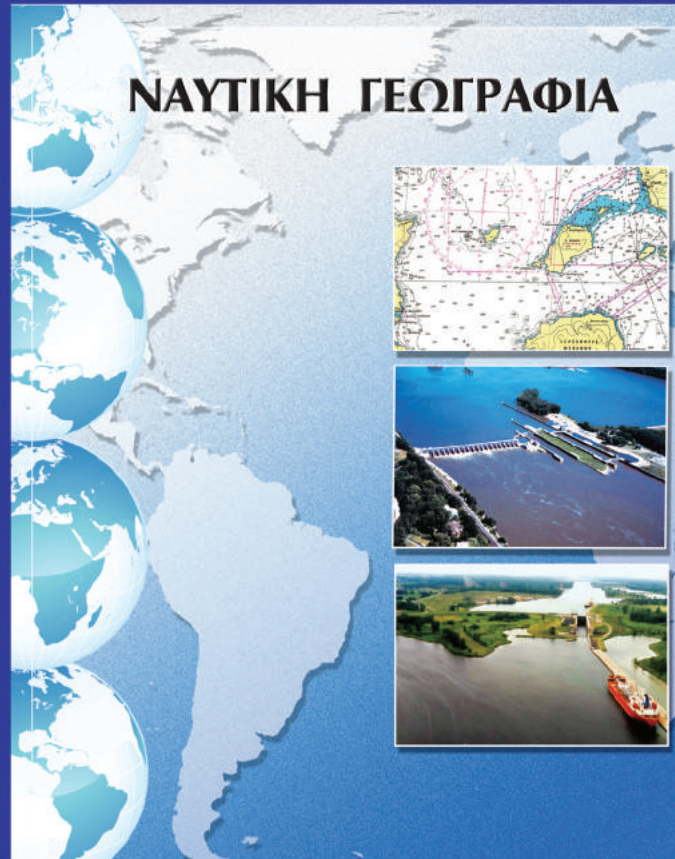
Publication
year:
2010



ΧΡΥΣΟΝ ΜΕΤΑΛΛΙΟΝ
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ΝΑΥΤΙΚΗ ΓΕΩΓΡΑΦΙΑ



Π. Γ. ΜΟΙΡΑ
Δ. Ν. ΜΥΛΩΝΟΠΟΥΛΟΥ

ΑΘΗΝΑ 2010



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΓΕΩΡ. Κ. ΔΕΜΕΡΟΥΤΗ
ΔΗΜ. Ν. ΜΥΛΩΝΟΠΟΥΛΟΥ

ΑΘΗΝΑ 2010

MARITIME KNOWLEDGE

The Maritime Knowledge textbook aims to provide students of the Academies [AEN] with general knowledge of both the terminology of the various parts of the ship, their dimensions and the division of ships into categories, as well as the working environment. This information is essential to taking the necessary measures to avoid accidents.

Georgios Demeroutis,
Dimitrios Mylonopoulos

Publication
year:
2010

AEN

● In print

MARITIME LAW

Centring on the chapter about ship chartering, this textbook takes students through the course of a ship's business life by analysing the legal provisions and judicial precedent and traditions. The objective of the authors was that the book would not only serve as a textbook, but also become a reference manual for the future captain.

Maria Vranikou,
Evangelos
Demestichas

Publication
year:
2015 (2nd edition)



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΩΝ
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Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2017



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ΜΙΧΑΗΛ Π. ΜΗΝΟΓΙΑΝΝΗ
Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2016

MARITIME METEOROLOGY

The Maritime Meteorology textbook aims to acquaint the student captains of the Academies [AEN] with the basic elements of meteorology, the atmosphere and the most important meteorological parameters, but also to provide information for their understanding of global weather systems, recessions, anticyclones, cyclones, sea ice and ocean currents.

Aikaterini Psycha,
Michail Minogiannis

Publication
year:
2016 (2nd edition)

AEN

● In print

MATHEMATICS (CAPTAINS – ENGINEERS)

This Merchant Marine Academies textbook aims to provide students with a thorough and pedagogically effective introduction to the basic mathematical concepts that will support much of the knowledge and experience they will need to acquire first as students and later during their careers as merchant marine commanding officers.

Markos Koutras,
Konstantinos Lattas,
Sotirios Bersimis

Publication
year:
2012

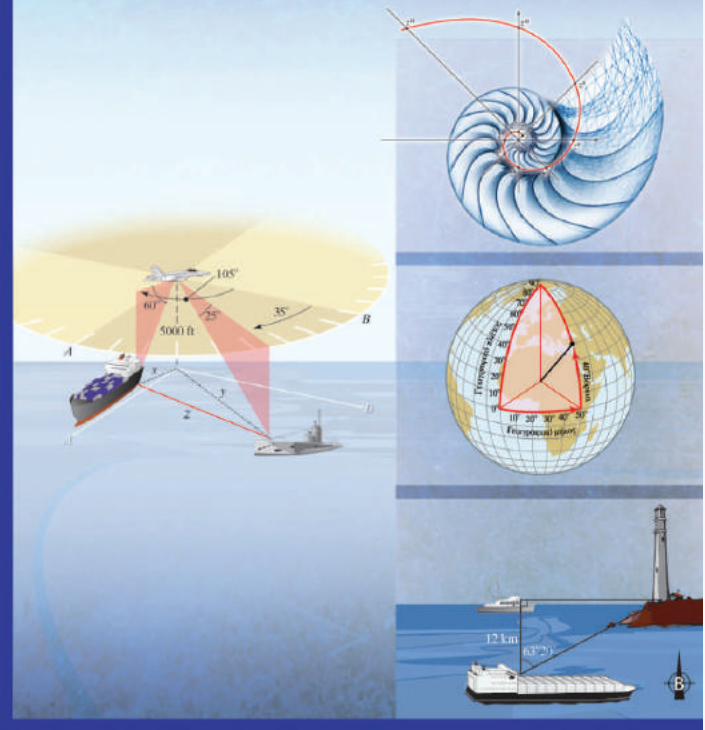


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ΜΑΘΗΜΑΤΙΚΑ

ΠΛΟΙΑΡΧΩΝ-ΜΗΧΑΝΙΚΩΝ



Μ. Β. Κούτρα
Κ. Ν. Λάττα
Σ. Γ. Μπερσίμη

ΑΘΗΝΑ 2012



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΦΥΣΙΚΗ

ΑΝΤΩΝΙΟΥ Χ. ΒΡΟΥΛΟΥ
ΣΤΕΦΑΝΟΥ Ι. ΚΑΡΝΑΒΑ

Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2018

PHYSICS

This book is addressed to all 1st- and 2nd-year students of the Merchant Marine Academies, tomorrow's captains and engineers of Greek-flagged and Greek-owned shipping. Its aim is to make a successful contribution to students' understanding of the basic concepts of physics that they encounter in their daily lives, both onshore and on board.

Antonios Vroulos,
Stefanos Karnavas

Publication
year:
2018 (2nd edition)

AEN

● In print

PUMPS

This book aims at providing Academy [AEN] students in engineering and any other user of pumps with the necessary knowledge about their types and applications on ships, as well as dealing with issues of prevention, diagnosis and resolution of problems that may arise during pump use.

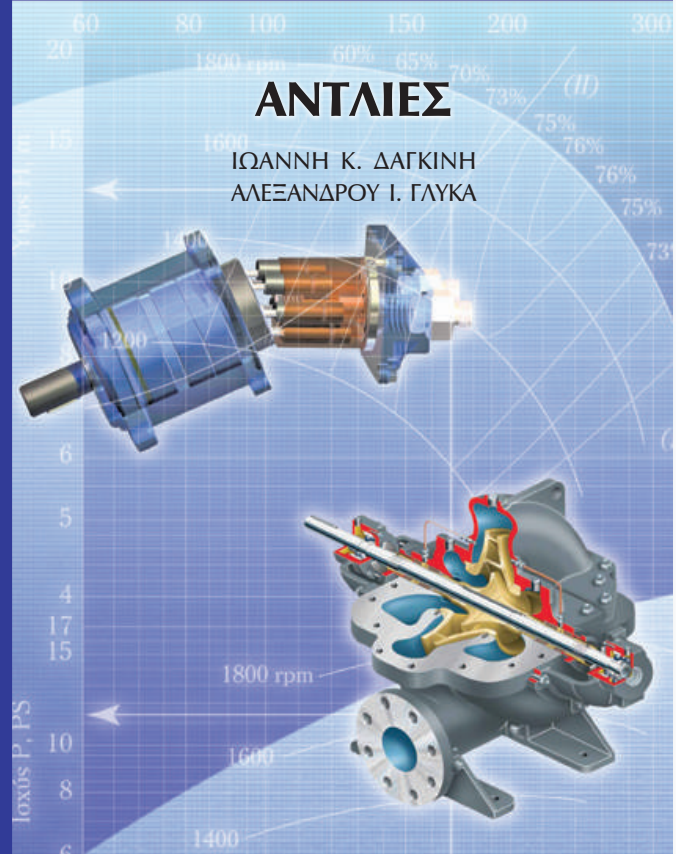
Ioannis Dagainis,
Alexandros Glykas

Publication
year:
2016



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΑΘΗΝΑ 2016

● In print



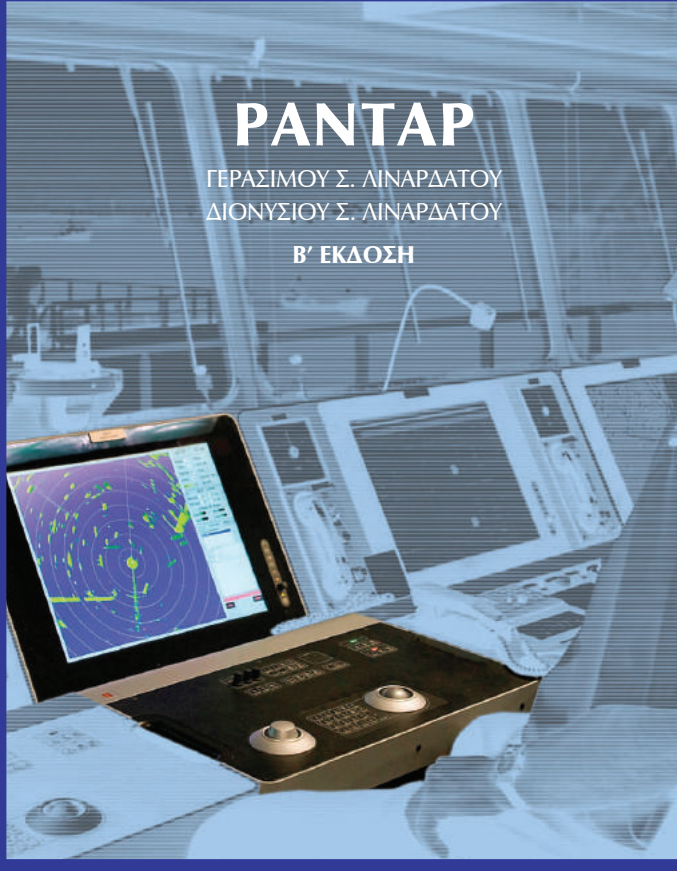
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ΡΑΝΤΑΡ

ΓΕΡΑΣΙΜΟΥ Σ. ΛΙΝΑΡΔΑΤΟΥ
ΔΙΟΝΥΣΙΟΥ Σ. ΛΙΝΑΡΔΑΤΟΥ

Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2016

RADAR

The current 2nd edition of the Radar textbook conforms to the current curriculum of the Academies [AEN] captains course and discusses issues such as radar operating principles, main features, information extracted from radar, etc..

Gerasimos Linardatos,
Dionysios Linardatos

Publication
year:
2016 (2nd edition)

AEN

● In print

REFRIGERATION – AIR CONDITIONING INSTALLATIONS – VENTILATION

This manual is addressed to students of the corresponding 5th-semester course of Merchant Marine Academies engineers course. Given the multitude of contemporary refrigeration and cooling applications, an effort has been made to present technical issues concerning this subject in a concise and understandable way, so that the students may be able to cope with most of what they will encounter during their careers.

Evangelos
Kanakakis

Publication
year:
2017 (2nd edition)



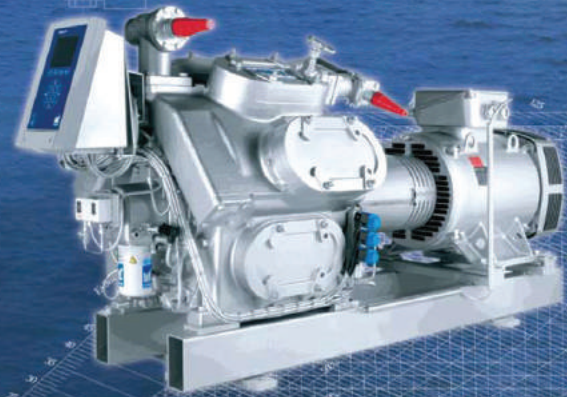
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Β' ΕΚΔΟΣΗ

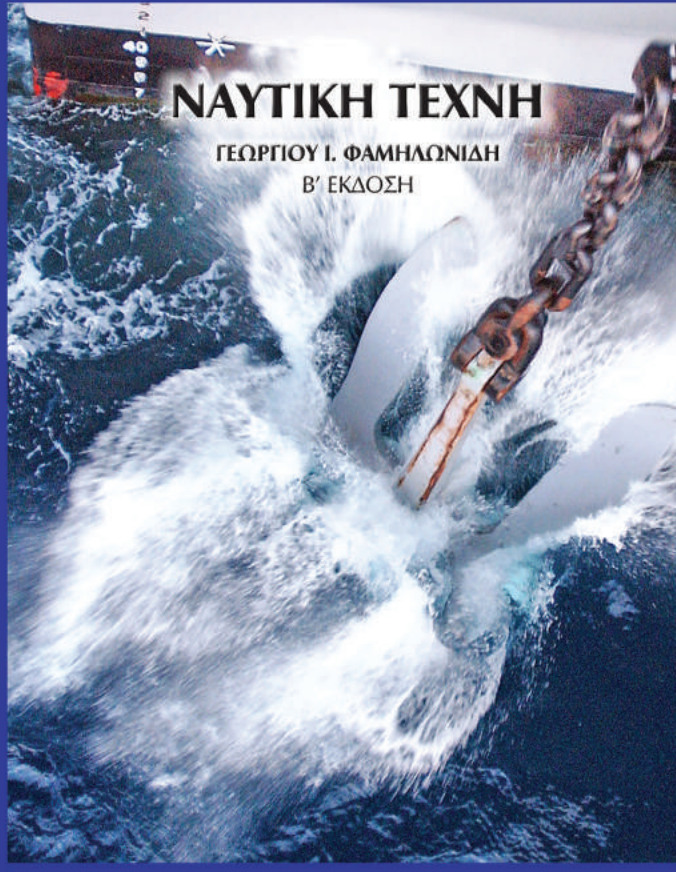


ΑΘΗΝΑ 2017



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΑΘΗΝΑ 2015

SEAMANSHIP

The present textbook is addressed to students of the captains course and provides all the necessary knowledge and basic principles of manoeuvring. The theory, combined with practical experience, will contribute to the better training of the cadets. At the same time, this book is useful for anyone who works with the sea.

Georgios
Familonidis

Publication
year:
2015 (2nd edition)

AEN

● In print

SHIPS' AUXILIARY MACHINERY

The present edition of Ships' Auxiliary Machinery includes the majority of categories of ancillary machinery installed on ships. The description of their mode of operation, as well as the philosophy behind their incorporation into overall ship operations, is mainly aimed at Academy [AEN] students of ship engineering.

Ioannis Dagnis,
Alexandros Glykas

Publication
year:
2017 (2nd edition)



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΩΝ
ΑΚΑΔΗΜΙΑΣ ΑΘΗΝΩΝ

ΕΚΠΑΙΔΕΥΤΙΚΟ ΚΕΙΜΕΝΟ
ΑΚΑΔΗΜΙΩΝ ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΒΟΗΘΗΤΙΚΑ ΜΗΧΑΝΗΜΑΤΑ ΠΛΟΙΩΝ

Β' ΕΚΔΟΣΗ



ΙΩΑΝ. Κ. ΔΑΓΚΙΝΗ
ΑΛΕΞ. Ι. ΓΛΥΚΑ

ΑΘΗΝΑ 2017

AEN

 In print

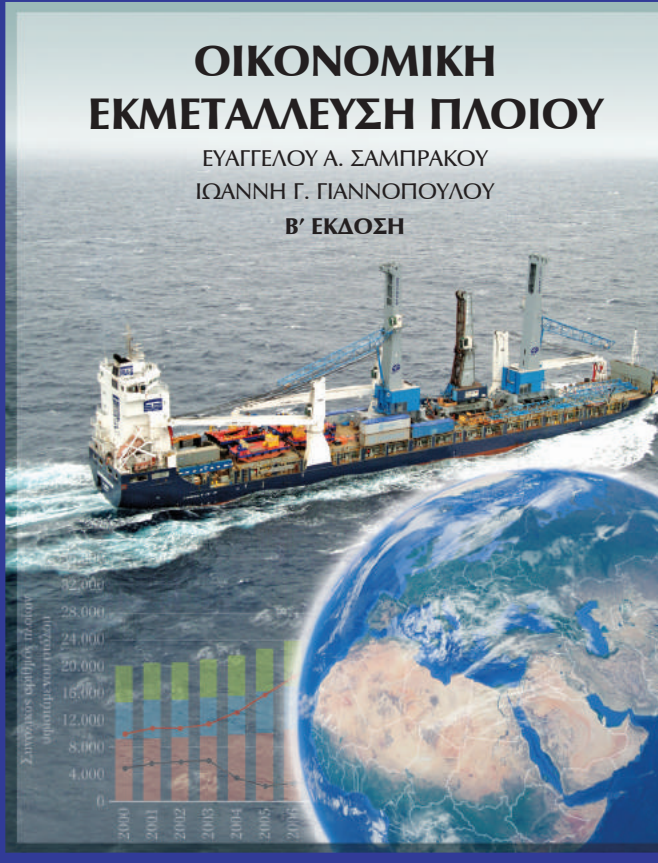


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ΕΥΑΓΓΕΛΟΥ Α. ΣΑΜΠΡΑΚΟΥ
ΙΩΑΝΝΗ Γ. ΓΙΑΝΝΟΠΟΥΛΟΥ
Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2017

SHIPS' COMMERCIAL OPERATION

The 2nd edition of the Ships' Commercial Operation handbook includes modules discussing the issues of trade and transport by sea, ships and the supply of maritime transport services, international freight markets and shipping management.

Evangelos Sambrakos,
Ioannis Giannopoulos

Publication
year:
2017 (2nd edition)

AEN

In print

SHIP STABILITY AND STRENGTH

The ship stability and strength instruction manual is designed to provide the necessary knowledge of ship stability and durability to Academy [AEN] students and by extension to all people responsible for ship loading and safe operation. It also aspires to increase the awareness of students and ship officers to problems relating to stability and durability of ships and to provide information on how to deal practically with these issues on a day-to-day basis.

Ioannis Kolliniatis

Publication
year:
2016 (2nd edition)



ΧΡΥΣΟΝ ΜΕΤΑΛΛΙΟΝ
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ΕΥΣΤΑΘΕΙΑ-ΚΟΠΩΣΕΙΣ

ΙΩΑΝΝΗ ΕΜ. ΚΟΛΛΙΝΙΑΤΗ

Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2016



ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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ΑΝΤΟΧΗ ΥΛΙΚΩΝ

ΝΙΚΟΛΑΟΥ Δ. ΓΑΛΙΑΤΣΑΤΟΥ
ΓΕΡΑΣΙΜΟΥ Σ. ΛΙΝΑΡΔΑΤΟΥ
ΔΙΟΝΥΣΙΟΥ Σ. ΛΙΝΑΡΔΑΤΟΥ

Β' ΕΚΔΟΣΗ



ΑΘΗΝΑ 2016

STRENGTH OF MATERIALS

The purpose of this manual is for students of Academy [AEN] engineers course to acquire the necessary theoretical knowledge about the interaction of forces and the stress caused on various materials in order to be in a position to understand fully the operation of distinct parts of an engine, but also the working of an engine as a whole.

Nikolaos Galiatsatos,
Gerasimos Linardatos,
Dionysios Linardatos

Publication
year:
2016 (2nd edition)

AEN

TECHNOLOGY OF MATERIALS

This textbook is an updated version of the book Metallurgy by Professor P. Petropoulos and is addressed to students of the 2nd semester of Academy [AEN] engineers course. It attempts to introduce the world of materials in a scientific, yet simple and understandable way.

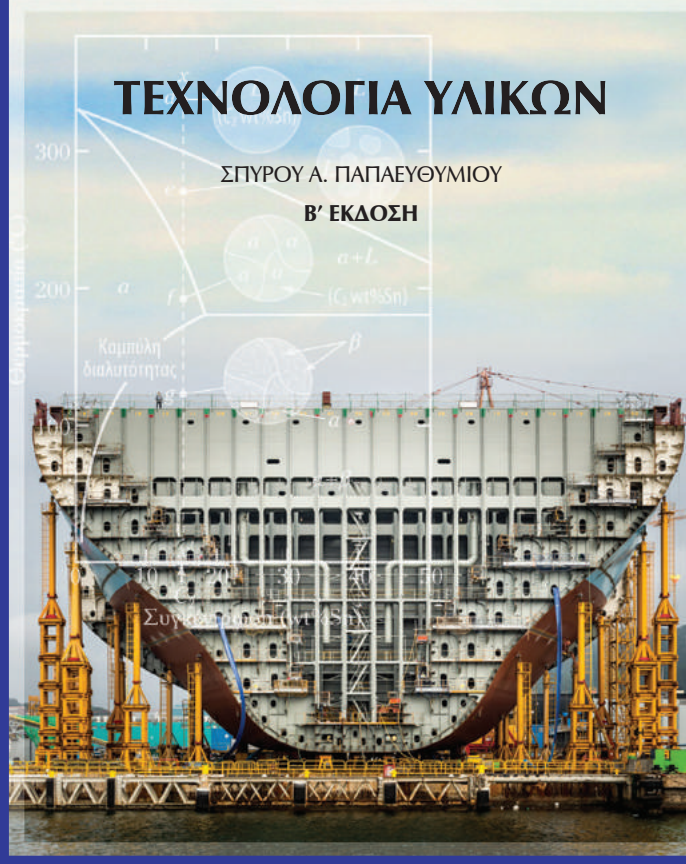
Spyros
Papaefthymiou

Publication
year:
2017 (2nd edition)

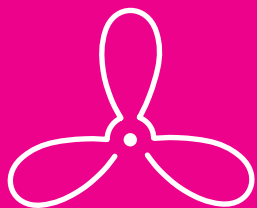


ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ
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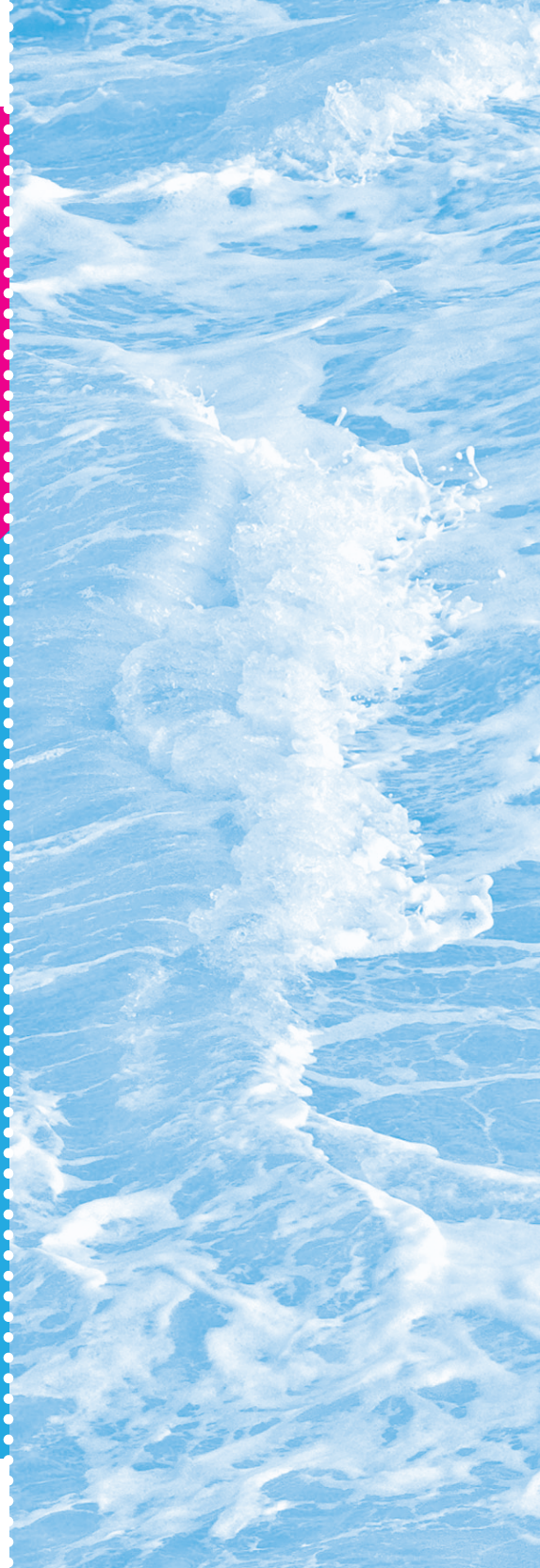
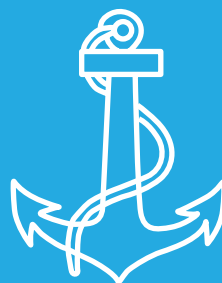
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ΑΚΑΔΗΜΙΕΣ ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ



ΑΘΗΝΑ 2017



ON-BOARD
TRAINING RECORD
BOOKS
(KEP)



**ON-BOARD TRAINING
RECORD BOOK (FIRST
SEA TRAINING PERIOD) 1:
DECK DIVISION**

The On-board Training Record Book: Deck Division is used during the first training period at sea and aims to provide students with the practical knowledge and skills required for merchant marine officers.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2010 (*reprint*)

ΚΕΡ



ΥΠΟΥΡΓΕΙΟ ΕΜΠΟΡΙΚΗΣ ΝΑΥΤΙΛΙΑΣ
ΔΙΕΥΘΥΝΣΗ ΕΚΠΑΙΔΕΥΣΗΣ ΝΑΥΤΙΚΩΝ

**ΕΓΧΕΙΡΙΔΙΟ
ΚΑΤΕΥΘΥΝΟΜΕΝΗΣ ΕΚΠΑΙΔΕΥΣΗΣ ΕΠΙ ΠΛΟΙΟΥ
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Κ.Ε.Π. 1

ΚΛΑΔΟΥ ΚΑΤΑΣΤΡΩΜΑΤΟΣ



ΠΕΙΡΑΙΑΣ 2010

● In print



ΥΠΟΥΡΓΕΙΟ ΕΜΠΟΡΙΚΗΣ ΝΑΥΤΙΛΙΑΣ
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Κ.Ε.Π. 2
ΚΛΑΔΟΥ ΚΑΤΑΣΤΡΩΜΑΤΟΣ



ΠΕΙΡΑΙΑΣ 2010

**ON-BOARD TRAINING
RECORD BOOK
(SECOND SEA
TRAINING PERIOD) 2:
DECK DIVISION**

The On-board Training Record Book: Deck Division is used during the second training period at sea and aims to provide students with the practical knowledge and skills required for merchant marine officers.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2010 (reprint)

ΚΕΡ

● In print

**ON-BOARD TRAINING
RECORD BOOK (FIRST
SEA TRAINING PERIOD) 1:
ENGINE DIVISION**

*The On-board Training
Record Book: Engine
Division is used during
the first training period at
sea and aims to provide
students with the practical
knowledge and skills
required for merchant
marine officers.*

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2010 (*reprint*)

ΚΕΡ



ΥΠΟΥΡΓΕΙΟ ΕΜΠΟΡΙΚΗΣ ΝΑΥΤΙΛΙΑΣ
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Κ.Ε.Π. 1

ΚΛΑΔΟΥ ΜΗΧΑΝΗΣ



ΠΕΙΡΑΙΑΣ 2010

● *In print*



ΥΠΟΥΡΓΕΙΟ ΕΜΠΟΡΙΚΗΣ ΝΑΥΤΙΛΙΑΣ
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Κ.Ε.Π. 2
ΚΛΑΔΟΥ ΜΗΧΑΝΗΣ



ΠΕΙΡΑΙΑΣ 2010

**ON-BOARD TRAINING
RECORD BOOK
(SECOND SEA
TRAINING PERIOD) 2:
ENGINE DIVISION**

The On-board Training Record Book: Engine Division is used during the second training period at sea and aims to provide students with the practical knowledge and skills required for merchant marine officers.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2010 (reprint)

● In print

ON-BOARD TRAINING RECORD BOOK FOR LIQUEFIED GAS

The bilingual (Greek-English) training record book that helps candidates train and obtain certification as liquefied gas tanker special skills staff meets the new requirements of on-board training in accordance with Presidential Decree 79/2012–Government Gazette 137 A' III/6 and PD 141/2014–Government Gazette 232 A'. The manual contains instructions for both instructors and students and provides an appropriate training programme for their duties.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2016



ΥΠΟΥΡΓΕΙΟ ΝΑΥΤΙΛΙΑΣ ΚΑΙ ΝΗΣΙΩΤΙΚΗΣ ΠΟΛΙΤΙΚΗΣ

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ΟΔΗΓΟΣ ΕΚΠΑΙΔΕΥΣΕΩΣ

ON BOARD TRAINING RECORD BOOK

ACCORDING TO STCW CH./REG.: V/1-2 PAR. 4.2.2 LIQUEFIED GAS TANKERS

&

TRAINING GUIDE BOOK



ΑΘΗΝΑ 2016

 In print



ΥΠΟΥΡΓΕΙΟ ΝΑΥΤΙΛΙΑΣ ΚΑΙ ΑΙΓΑΙΟΥ
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ΣΥΜΦΩΝΑ ΜΕ ΤΗΝ ΑΝΑΘΕΩΡΗΜΕΝΗ Δ.Σ. STCW 1978
(ΠΔ 79/2012 – ΦΕΚ 137 Α' – ΙΙΙ/6 ΚΑΙ ΠΔ 141/2014 – ΦΕΚ 232 Α')



ΑΘΗΝΑ
2014

● In print

ON-BOARD TRAINING RECORD BOOK FOR MERCHANT MARINE ELECTRICIAN CANDIDATES

This training record book for merchant marine electrician candidates meets the new on-board ship training requirements and aims to help the future merchant marine electrician adapt to the requirements of his/her position on modern, automated ships.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2016

KEP

ON-BOARD TRAINING RECORD BOOK FOR OIL TANKERS

The bilingual (Greek-English) training record book that helps candidates train and obtain certification as oil tanker special skills staff meets the new requirements of on-board training in accordance with Presidential Decree 79/2012–Government Gazette 137 A' III/6 and PD 141/2014–Government Gazette 232 A'. The manual contains instructions for both instructors and students and provides an appropriate training programme for their duties.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2016



ΥΠΟΥΡΓΕΙΟ ΝΑΥΤΙΛΙΑΣ ΚΑΙ ΝΗΣΙΩΤΙΚΗΣ ΠΟΛΙΤΙΚΗΣ

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ΟΔΗΓΟΣ ΕΚΠΑΙΔΕΥΣΕΩΣ

ON BOARD TRAINING RECORD BOOK

ACCORDING TO STCW CH./REG.: V/1-1 PAR. 4.2.2 OIL TANKERS

&

TRAINING GUIDE BOOK



ΑΘΗΝΑ 2016

● In print



ΥΠΟΥΡΓΕΙΟ ΕΜΠΟΡΙΚΗΣ ΝΑΥΤΙΛΙΑΣ
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Κ.Ε.Π.

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(ΥΠΟΨΗΦΙΩΝ ΝΑΥΤΩΝ Ε.Ν.)



ΠΕΙΡΑΙΑΣ 2006

● In print

ON-BOARD TRAINING RECORD BOOK LOWER DECK DIVISION (MERCHANT MARINE SAILOR CANDIDATES)

The On-board Training Record Book Lower Deck Division (Merchant Marine Sailor Candidates) is a record-keeping book designed to provide a clear and comprehensible record of the trainee's progress.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2006

ΚΕΡ

ON-BOARD TRAINING RECORD BOOK LOWER DECK ENGINE DIVISION

*The On-board Training
Guide Lower Deck
Engine Division is
a record-keeping
book designed to
provide a clear and
comprehensible record
of the trainee's progress.*

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2006



ΥΠΟΥΡΓΕΙΟ ΕΜΠΟΡΙΚΗΣ ΝΑΥΤΙΛΙΑΣ
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ΠΕΙΡΑΙΑΣ 2006

● *In print*



ΥΠΟΥΡΓΕΙΟ ΝΑΥΤΙΛΙΑΣ ΚΑΙ ΝΗΣΙΩΤΙΚΗΣ ΠΟΛΙΤΙΚΗΣ
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(τροποποιήσεις 2010) AIII/4, AIII/5 (ΠΔ 79/2012 – ΦΕΚ 137 Α')



ΑΘΗΝΑ 2015

● In print

ON-BOARD TRAINING RECORD SUPPLEMENT FOR ENGINE ROOM LOWER DECK CREW

The supplement contains the new revised STCW 1978 International Convention (Manila amendments 2010) requirements for on-board training and is used in conjunction with the basic manual. In addition, it includes instructions to the ship's training officer and indicates the areas of training in the original manual that are no longer required to be completed by the trainee due to technological developments on-board ships.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2015

ΚΕΡ

ON-BOARD TRAINING RECORD SUPPLEMENT 2: FOR ENGINE ROOM LOWER DECK CREW CANDIDATES

The supplement to the On-board Training Record 2 includes the new training requirements ensuing from the revision of the STCW 1978 International Convention (Manila amendments 2010) and the new Academy [AEN] curricula.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2014



ΥΠΟΥΡΓΕΙΟ ΝΑΥΤΙΛΙΑΣ ΚΑΙ ΑΙΓΑΙΟΥ
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ΥΠΟΨΗΦΙΟΥ ΚΛΑΔΟΥ ΜΗΧΑΝΗΣ

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(τροποποιήσεις 2010) ΑΙ/1 (ΠΔ 79/2012 – ΦΕΚ 137 Α')



ΑΘΗΝΑ 2014

 In print



ΥΠΟΥΡΓΕΙΟ ΝΑΥΤΙΛΙΑΣ ΚΑΙ ΝΗΣΙΩΤΙΚΗΣ ΠΟΛΙΤΙΚΗΣ
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(τροποποιήσεις 2010) ΑΙΙ/4, ΑΙΙ/5 (ΠΔ 79/2012 – ΦΕΚ 137 Α')



ΑΘΗΝΑ 2015

● In print

ON-BOARD TRAINING RECORD SUPPLEMENT FOR LOWER DECK CREW

The supplement contains the new revised STCW 1978 International Convention (Manila amendments 2010) requirements for on-board training and is used in conjunction with the basic manual. In addition, it includes instructions to the ship's training officer and indicates the areas of training in the original manual that are no longer required to be completed by the trainee due to technological developments on-board ships.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2015

KEP

ON-BOARD TRAINING RECORD SUPPLEMENT 2: FOR LOWER DECK CREW CANDIDATES

The supplement to the On-board Training Record 2 includes the new training requirements ensuing from the revision of the STCW 1978 International Convention (Manila amendments 2010) and the new Academy [AEN] curricula.

Experts and
Merchant Marine
Academy Professors
Committee

Publication
year:
2014



ΥΠΟΥΡΓΕΙΟ ΝΑΥΤΙΛΙΑΣ ΚΑΙ ΑΙΓΑΙΟΥ
ΔΙΕΥΘΥΝΣΗ ΕΚΠΑΙΔΕΥΣΗΣ ΝΑΥΤΙΚΩΝ

ΕΝΘΕΤΟ
ΕΓΧΕΙΡΙΔΙΟΥ ΚΑΤΕΥΘΥΝΟΜΕΝΗΣ ΕΚΠΑΙΔΕΥΣΕΩΣ ΕΠΙ ΠΛΟΙΟΥ 2
ΥΠΩΦΗΦΙΟΥ ΚΛΑΔΟΥ ΚΑΤΑΣΤΡΩΜΑΤΟΣ

ΠΡΟΣΑΡΜΟΣΜΕΝΟ ΣΤΗΝ ΑΝΑΘΕΩΡΗΜΕΝΗ Δ.Σ. STCW 1978
(τροποποιήσεις 2010) ΑΙ/1(ΠΔ 79/2012 – ΦΕΚ 137 Α')



ΑΘΗΝΑ 2014

● In print

TRANSLATION OF MARITIME TEXT MANUALS

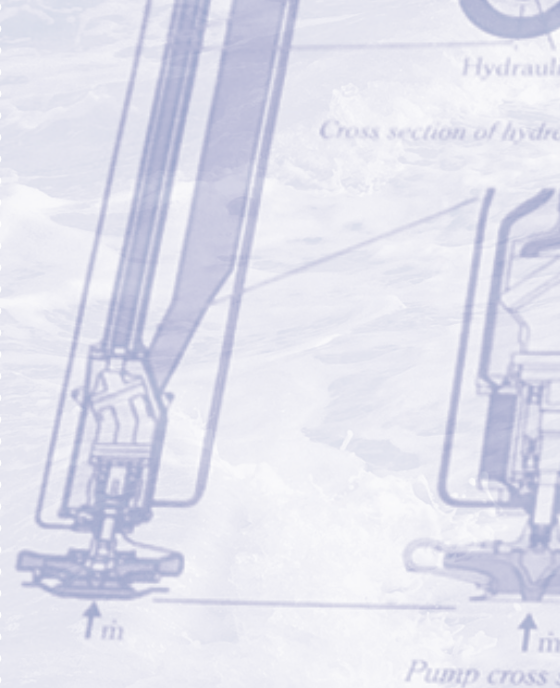


Fig. 8.71

*Typical pump configuration, the h
and the hydraulic oil control*

Hydraulic motor pumps are sin-
ment pumps, and consist of
an impeller (fig. 8.71). The
mounted on the lower end
upper end is connected to a
on the vessel's main deck.
the wall so as to form three

the hydraulic oil that
while through the sec-
hydraulic oil towards
rd wall passes air or
f space between the
case of a leak or a

sha
are
the
the
pum
part
Thus
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ACCIDENT PREVENTION ON BOARD SHIP AT SEA AND IN PORT

This code is a translation of Accident Prevention on Board Ship at Sea and in Port, intended to give people involved a solid knowledge basis to enable them to establish and maintain safe working conditions on board ships at sea and in port. Adherence to these rules aims at reducing the number of accidents occurring on board ships.

Andreas
Leontopoulos,
Ioannis
Papaioannou

Publication
year:
1984



ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ

ΠΡΟΛΗΨΗ ΑΤΥΧΗΜΑΤΩΝ ΕΠΙ ΤΟΥ ΠΛΟΙΟΥ «ΕΝ ΠΛΩ» ΚΑΙ «ΕΝ ΟΡΜΩ»

Εκδόθηκε από το Διεθνές Γραφείο Εργασίας (International Labour Office, I.L.O.) το 1978 με τίτλο "Accident prevention on board ship at sea and in port".

Μετάφραση και προσαρμογή στα Ελληνικά, με άδεια του I.L.O. από τους:

Α. Α. ΛΕΟΝΤΟΠΟΥΛΟ

Πλοίαρχο Ε.Ν., Μ.Ρ.Ι.Ν., Διευθυντή Σπουδών Κ.Ε.Σ.Ε.Ν.

Ι. Κ. ΠΑΠΑΪΩΑΝΝΟΥ

Πλοίαρχο Ε.Ν., Επιτελή Διευθύνσεως Ν/γής Εμπ/σεως Υ.Ε.Ν.





ΧΡΥΣΟΝ ΜΕΤΑΛΛΙΟΝ
ΑΚΑΔΗΜΙΑΣ ΑΘΗΝΩΝ

Βιβλιοθήκη του Ναυτικού

Πρόληψη ατυχημάτων επί του πλοίου «εν πλω» και «εν όρμω»

«Accident Prevention on Board Ship at Sea and in Port.
An ILO code of practice». Second Edition.

Μετάφραση Γεωργίου Μ. Δούναβη
Καθηγητή Αγγλικής Σχολής Πλοιάρχων ΑΕΝ/Σύρου



Αθήνα 2014

Β' έκδοση

ACCIDENT PREVENTION ON BOARD SHIP AT SEA AND IN PORT

The 2nd edition of Accident Prevention on Board Ship at Sea and in Port covers the risks related to bulk cargo transport, such as oil, gas and chemicals, as well as the risks associated with ferries, passenger ferryboats and container ships.

Georgios Dounavis

Publication
year:
2014 (2nd edition)

TRANSL.

● In print

EXTRACTS OF TABLES FOR SOLVING POSITION TRIANGLES IN ASTRONOMICAL NAVIGATION

This manual is used in conjunction with Nautical Almanac Extracts in teaching astronomical navigation in the ADSEN, KESEN and DSMAEN Merchant Marine Schools. The tables are necessary for solving a position triangle, in this way assisting students in implementing the application of astronomical navigation to ships.

Ioannis
Papaioannou

Publication
year:
1986



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΑΠΟΣΠΑΣΜΑΤΑ ΠΙΝΑΚΩΝ ΓΙΑ ΕΠΙΛΥΣΗ ΤΡΙΓΩΝΟΥ ΘΕΣΕΩΣ ΣΤΗΝ ΑΣΤΡΟΝΟΜΙΚΗ ΝΑΥΤΙΑΙΑ





ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

IMO

Abbreviated Version of the Seaspeak Manual*

* Sub-Committee on Safety of Navigation (NAV 30/INF. 2). All paragraph nos. refer to the Seaspeak Reference Manual of «Essential English for International Use», Pergamon Press.

Επιμέλεια - Μετάφραση
Μανώλης Ταμπακάκης
Επιτελής ΔΕΚΝ (Διεύθυνση Εκπαιδεύσεως Ναυτικών)

IMO ABBREVIATED VERSION OF THE SEASPEAK MANUAL

This textbook was published for use in the Merchant Marine Schools [ADSEN]. It is designed to assist students in their lessons and includes the general principles of operation and all issues related to the operation of VHF Radio.

Emmanouil
Tabakakis

Publication
year:
1992

TRANSL.

IMO STANDARD MARINE COMMUNICATION PHRASES

This manual was translated from the English-language original of the latest edition of the IMO Standard Marine Communication Phrases (2002). Its main purpose is for teaching English, but also to be used in other Academy [AEN], Merchant Marine School and Training Centre courses.

Georgios Dounavis

Publication
year:
2006 (2nd edition)



ΧΡΥΣΟΝ ΜΕΤΑΛΛΙΟΝ
ΑΚΑΔΗΜΙΑΣ ΑΘΗΝΩΝ

ΕΚΠΑΙΔΕΥΤΙΚΟ ΚΕΙΜΕΝΟ
ΑΚΑΔΗΜΙΩΝ ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

IMO

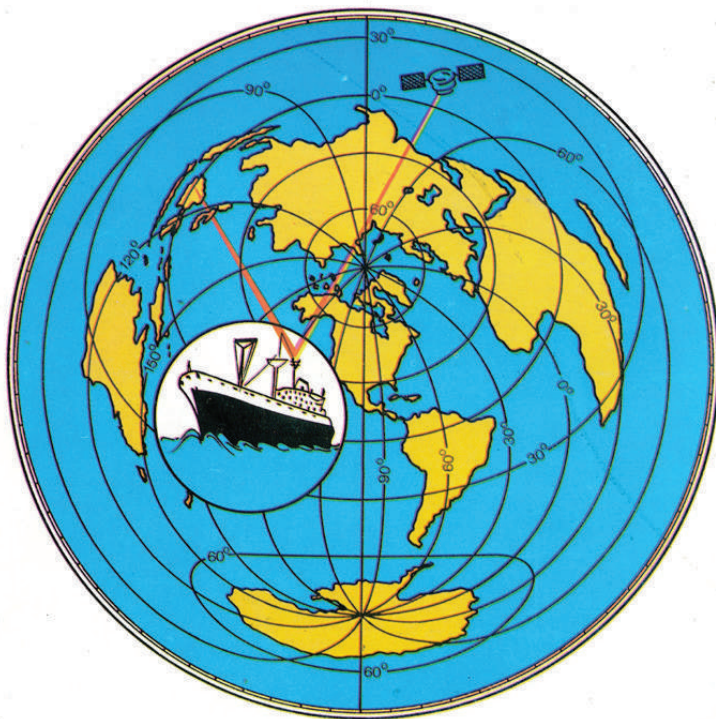
ΤΥΠΟΠΟΙΗΜΕΝΕΣ ΝΑΥΤΙΚΕΣ ΦΡΑΣΕΙΣ ΕΠΙΚΟΙΝΩΝΙΑΣ



ΑΘΗΝΑ 2005



ΔΙΕΘΝΗΣ ΙΑΤΡΙΚΟΣ ΟΔΗΓΟΣ ΓΙΑ ΠΛΟΙΑ



INTERNATIONAL MEDICAL GUIDE FOR SHIPS

The 2nd edition of the *International Medical Guide for Ships* is a translation of the English-language version published in 1988, which was approved by the World Health Organization. For ships flying the Greek flag, the usefulness of this guide is obvious, because, with the help of the manual, competent medical officers on board ships sailing in any part of the world are able to offer their services to those in need of medical treatment. The manual also assists the medical officer in requesting the appropriate instructions over the radio for dispensing medication or not and the correct course of action to be followed, according to the terms provided in the *International Code of Signals* guide.

Byron Raizis

Publication
year:
1991 (2nd edition)

TRANSL.

INTERNATIONAL MEDICAL GUIDE FOR SHIPS

The 3rd edition of the International Medical Guide for Ships is a useful manual because it enables the medical officer of the ship, in any sea it may be sailing, to offer medical services when needed, but also to make requests correctly by radio, using the International Code of Signals guide, for the appropriate instructions for the administration of medicines or not and the course of action to be followed. In addition, the International Medical Guide for Ships is designed for use by all crew members responsible for medical care on board and ensures that seafarers enjoy health protection and medical care.

Athena-Maria Nella

Publication
year:
2011 (3rd edition)



ΙΔΡΥΜΑ ΕΥΓΕΝΙΔΟΥ
ΧΡΥΣΟΥΝ ΜΕΤΑΛΛΙΟΝ ΑΚΑΔΗΜΙΑΣ ΑΘΗΝΩΝ

ΔΙΕΘΝΗΣ ΙΑΤΡΙΚΟΣ ΟΔΗΓΟΣ ΓΙΑ ΠΛΟΙΑ



ΑΘΗΝΑ 2011

ΤΡΙΤΗ ΕΚΔΟΣΗ

TRANSL.



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΠΥΡΟΣΒΕΣΗ ΠΥΡΟΠΡΟΣΤΑΣΙΑ ΚΑΙ ΠΥΡΑΣΦΑΛΕΙΑ ΣΤΑ ΠΛΟΙΑ



MARINE FIRE PREVENTION, FIREFIGHTING AND FIRE SAFETY

This book is a translation of Marine Fire Prevention, Firefighting and Fire Safety. With the help of this manual, marine officers in cooperation with their crew, whichever sea they might be sailing on, may prevent fires or extinguish a fire in case it breaks out on their ship.

M. Garyfallos,
G. Kafasis

Publication
year:
1987

TRANSL.

NAUTICAL ALMANAC EXTRACTS

The extracts and the auxiliary tables included in this book were taken from the Nautical Almanac of 1984. The purpose of this publication is for use in the training of students of Merchant Marine Schools [ADSEN, KESEN and DSMAEN] in solving problems of astronomical navigation.

Ioannis
Papaioannou

Publication
year:
2015



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΑΠΟΣΠΑΣΜΑ ΑΣΤΡΟΝΟΜΙΚΩΝ ΕΦΗΜΕΡΙΔΩΝ





ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΩΚΕΑΝΟΓΡΑΦΙΑ



OCEANOGRAPHY

This manual is a translation of the 'Oceanography' section of the American Practical Navigation book, presenting the application of various sciences in the study of ocean phenomena. Its objective was to familiarize students of Merchant Marine Schools [ADSEN] with the science of oceanography, which studies the formation of oceans and their natural, chemical, geological and biological characteristics.

Ioannis
Zafiroopoulos

Publication
year:
1987

TRANSL.

PREPARATION AND USE OF WEATHER MAPS BY SEAFARERS

This is a translation of the World Meteorological Organization's The Preparation and Use of Weather Maps by Mariners. It served as a maritime meteorology handbook that contained all the knowledge the seafarer needed for observing, analysing and predicting the weather.

Leonidas
Karapiperis

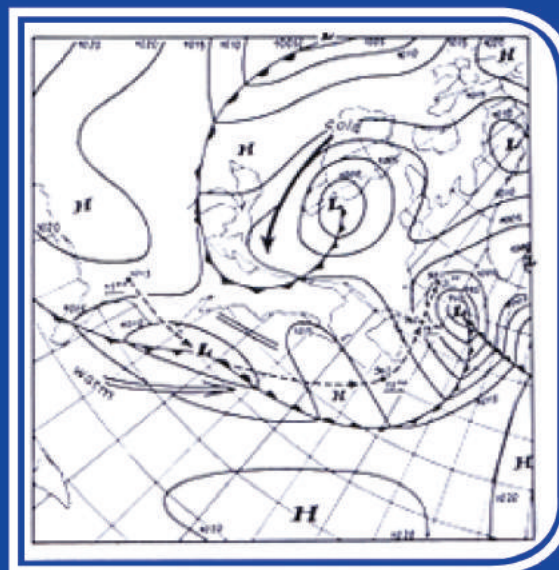
Publication
year:
1979



Βιβλιοθήκη του Ναυτικού

Η ΚΑΤΑΣΚΕΥΗ ΚΑΙ Η ΧΡΗΣΙΜΟΠΟΙΗΣΗ ΤΩΝ ΧΑΡΤΩΝ ΚΑΙΡΟΥ ΑΠΟ ΤΟΥΣ ΝΑΥΤΙΛΛΟΜΕΝΟΥΣ

Προσαρμογή από τα Αγγλικά από τον
Λ. Ν. Καραπιπέρη
ΚΑΘΗΓΗΤΗ ΠΑΝΕΠΙΣΤΗΜΙΟΥ





GOLD MEDAL AWARD OF
THE ACADEMY OF ATHENS

MERCHANT MARINE ACADEMIES
EDUCATIONAL TEXTBOOK



ATHENS 2017

PUMPS

This handbook aims to provide each pump user with the necessary knowledge regarding the types and applications of pumps on ships as well as the prevention, diagnosis and resolution of problems which occur during their use. It deals with issues such as classification of pumps, their type and functional characteristics, the characteristic sizes of the pumping systems, the flow and the characteristic curves of the dynamic pumps, as well as the pumps that are normally encountered on ships and so on. This book is a translation of the Greek handbook «Αντλίες» for students (engineers) of the Merchant Marine Academies.

Ioannis Daginis,
Alexandros Glykas

Publication
year:
2017

TRANSL.

● In print

TANKER SAFETY GUIDE (LIQUEFIED GAS)

This manual is a translation of the Tanker Safety Guide (Liquefied Gas), intended for use on tankers under the Greek flag. Following the contents of the book, officers and crew are able to ensure the safe loading, transportation and unloading of cargo. The manual also provides the necessary knowledge for accident prevention and the containment of the results of accidents, should they occur, at every stage of the transportation of hazardous goods.

Damianos Doumanis

Publication
year:
1988



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΟΔΗΓΟΣ ΑΣΦΑΛΕΙΑΣ ΔΕΞΑΜΕΝΟΠΛΟΙΩΝ (υγροποιημένα αέρια)





ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΚΡΗΤΗΣ
ΤΕΧΝΙΚΗ ΜΗΧΑΝΙΚΗ

ΤΟΜΟΣ Α'

**TECHNICAL
MECHANICS**
VOLUME 1

This textbook is a translation of the German Technische Mechanik, published in order to cover the urgent need for a technical mechanics textbook for use in the public Merchant Marine Schools. It includes issues on structural and material strength, torsion, kinematics, dynamics and motion and force conversion.

Panagiotis Makris

Publication
year:
1974

TRANSL.

**TECHNICAL
MECHANICS**
VOLUME 2

This textbook is a translation of the German Technische Mechanik, published in order to cover the urgent need for a technical mechanics textbook for use in the public Merchant Marine Schools. It includes issues on kinematics, dynamics, structural strength, materials strength, fluid engineering and hydrodynamics.

Panagiotis Makris

Publication
year:
1975



**ΒΙΒΛΙΟΘΗΚΗ ΤΟΥ ΝΑΥΤΙΚΟΥ
ΤΕΧΝΙΚΗ ΜΗΧΑΝΙΚΗ**

ΤΟΜΟΣ Β΄

TRANSL.

● Out of print



ΑΝΩΤΕΡΕΣ ΔΗΜΟΣΙΕΣ ΣΧΟΛΕΣ
ΕΜΠΟΡΙΚΟΥ ΝΑΥΤΙΚΟΥ

ΠΑΛΙΠΡΟΪΚΟΙ ΠΙΝΑΚΕΣ



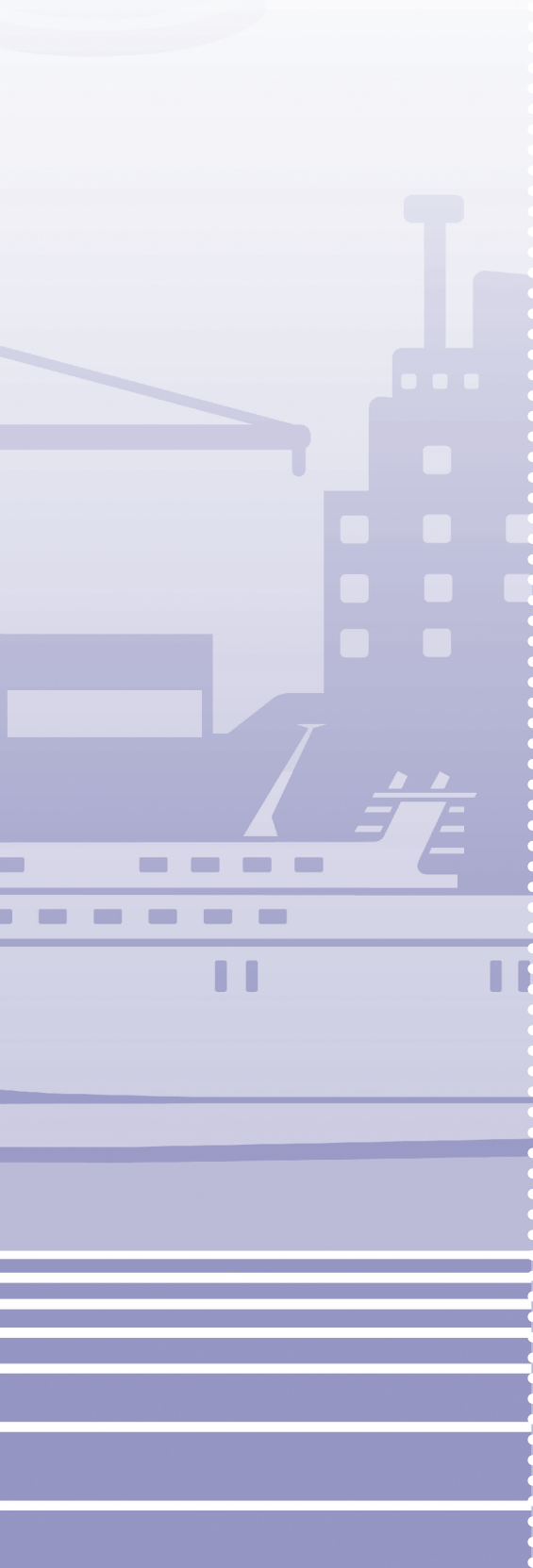
TIDE TABLES

This manual was compiled in order to present Merchant Marine School [ADSEN, KESEN and DSMAEN (public schools for the further education of merchant marine officers)] students with a wide range of primary sources and the methods used in order to obtain data on tides and tidal currents.

Ioannis
Papaioannou

Publication
year:
1986

TRANSL.



STUDIES / PROCEEDINGS
OF MARITIME EDUCATION
CONFERENCES



ΙΔΡΥΜΑ ΕΥΓΕΝΙΔΟΥ

ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΟΥ
ΝΑΥΤΙΚΗΣ ΕΚΠΑΙΔΕΥΣΕΩΣ

*Εκπαίδευση
στις Σχολές Εμπορικού Ναυτικού
και στα πλοία*



*υπό την αιγίδα του
Υπουργείου Ναυτιλίας και Αιγαίου*

ΑΘΗΝΑ
7-8 Μαρτίου 2014

ΑΘΗΝΑ
2014

**PROCEEDINGS OF
THE 'EDUCATION
IN MERCHANT
MARINE SCHOOLS
AND ON-BOARD'
MARITIME TRAINING
CONFERENCE**

This is a volume of the proceedings of the maritime training conference entitled 'Education in Merchant Marine Schools and On-board', held on 7-8 March 2014 at the Eugenides Foundation, conducted under the aegis of the Ministry of Shipping and the Aegean. It includes 25 papers by experts on issues relating to maritime training, as well as 13 addresses delivered by representatives of the State and other relevant entities.

Publication
year:
2014

● In print

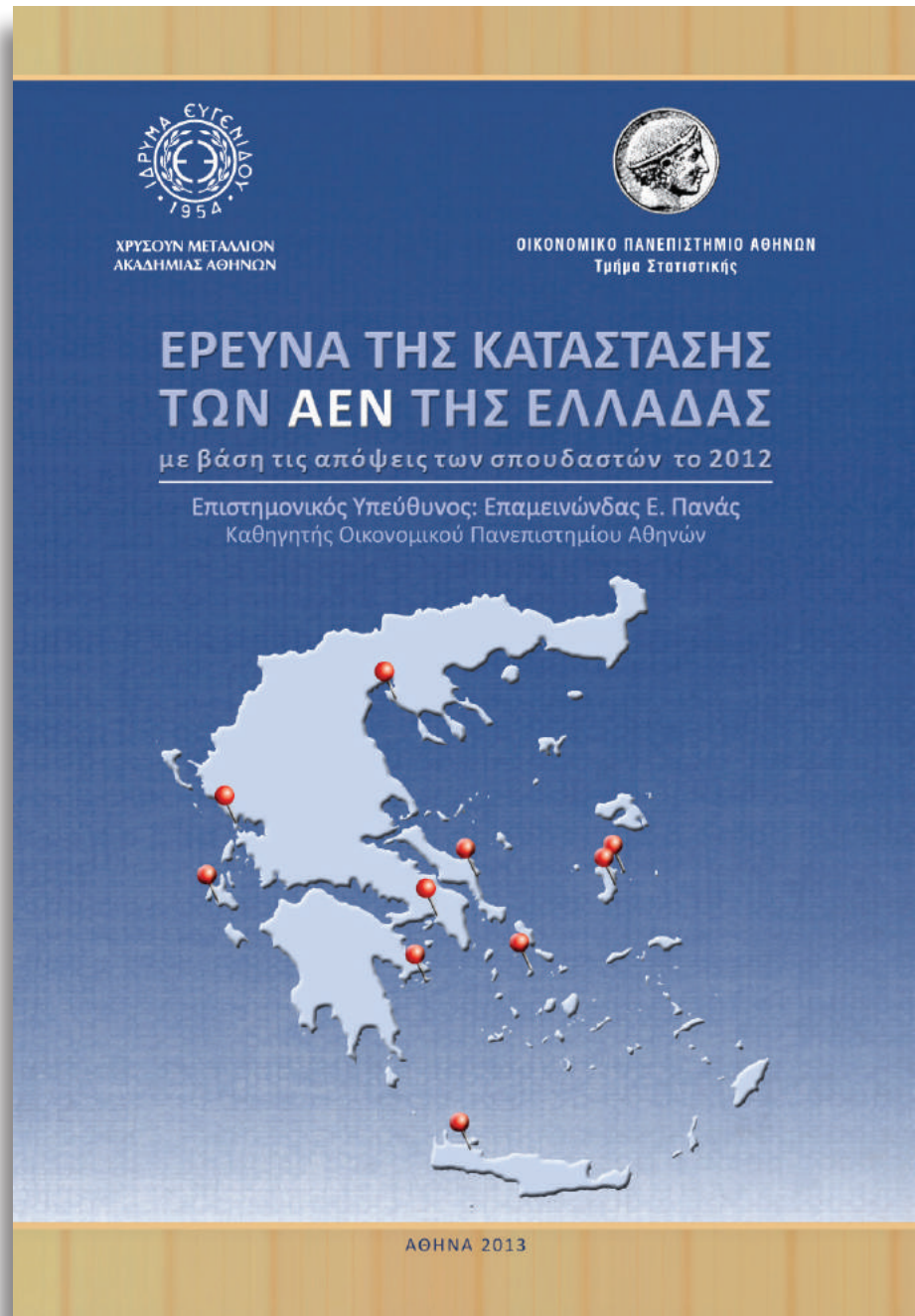
SURVEY OF THE CONDITION OF GREEK MERCHANT MARINE ACADEMIES (BASED ON STUDENTS' VIEWS IN 2012)

This book presents a survey conducted by the Eugenides Foundation in collaboration with the Statistics Department of the University of Athens for Economics and Business.

It reports on the then current state of Greek maritime education as seen through the experience of Merchant Marine Academy [AEN] students in 2012. For the first time, the 'voice of the students' is heard, describing the extent of existing problems and contributing substantially to their delineation.

Scientific director:
Epaminondas Panas

Publication
year:
2013



● In print

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