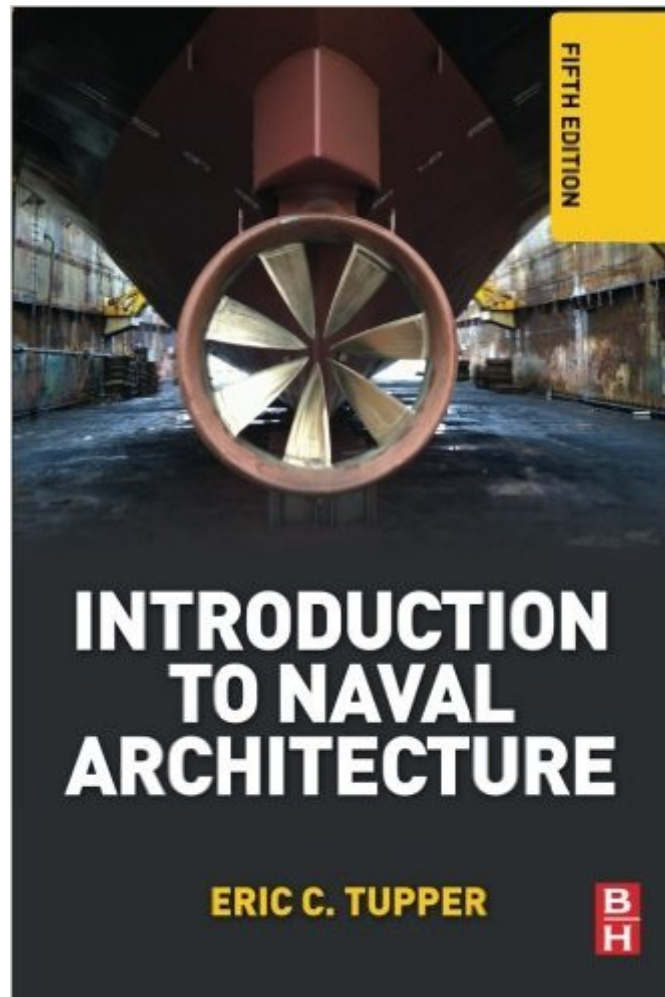


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# Introduction To Naval Architecture, Fifth Edition



## Synopsis

Written by an award-winning naval architecture author and former vice-president of the Royal Institution of Naval Architects (RINA), the fifth edition of *Introduction to Naval Architecture* has been fully updated to take in advances in the field and is ideal both for those approaching the subject for the first time and those looking to update or refresh their knowledge on areas outside of their direct expertise. This book provides a broad appreciation of the science and art of naval architecture, explaining the subject in physical rather than in mathematical terms. While covering basic principles, such as hull geometry, propulsion, and stability, the book also addresses contemporary topics, such as computer aided design and computer aided manufacture (CAD/CAM). The new edition reflects the continuing developments in technology, changes in international regulations and recent research. Knowledge of the fundamentals of naval architecture is essential not only for newcomers to the field but also the wealth of non-naval architects working in the marine area, including marine engineers, marine surveyors and ship crews. This book provides the most well-known and trusted introduction to the topic, offering a clear and concise take on the basics of this broad field. Praise for previous edition "...a clear and concise introduction to the subject, giving a good grasp of the basics of naval architecture." • *Maritime Journal* "...my go-to book for understanding the general principles of naval architecture. The book is well-written and easy to understand." • *.com* reviewer

## Customer Reviews

"â |nicely presented and provides an up to date introduction to naval architecture that would be hard to better in one volume by a single author of eminence in naval architectureâ |much to commend in keeping the fully capable naval architect abreast of recent developments, with the direct knowledge provided and guidance to further detail through not just publications but also useful websites in the comprehensive reading list."--*The Naval Architect*, March 2014

The leading single volume introduction to naval architecture by one of the subject's best-known authors Provides a perfect introduction to the topic for newcomers to the field and a compact overview for related marine professionals needing a working knowledge of the area Updated to cover key developments including the latest assessments of damaged stability and the increased use of computational methods and modelling in ship design Combines broad scope with authoritative detail, all in the accessible and approachable style associated with experienced naval architecture author Eric Tupper *Introduction to Naval Architecture* is the most well-known and trusted introduction to the principles affecting the design, construction and operation of marine vessels and

structures. It offers a wide ranging yet clear and concise technical guide to the basics of this broad field, with minimal emphasis on complex equations and mathematics. Written by an award-winning naval architecture author, this new edition has been fully updated to cover recent advances and developments in naval architecture. It is ideal for students approaching the subject for the first time, experienced naval architects requiring an up-to-date reference, and other marine professionals needing a working knowledge of the area. Praise for previous edition "...a clear and concise introduction to the subject, giving a good grasp of the basics of naval architecture." *Maritime Journal*

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