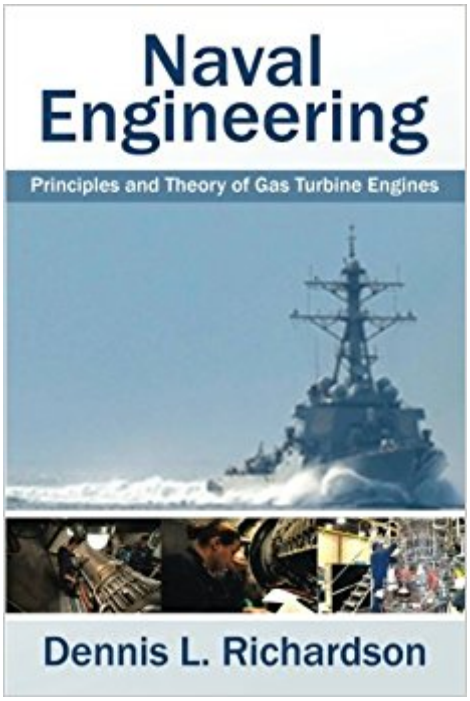
Naval Engineering



Synopsis

Naval Engineering: Principles and Theory of Gas Turbine Engines is a technical publication for professional engineers to assist in understanding the history and development of gas turbine engines including the thermodynamic processes known as the Brayton cycle. Common principles of various gas turbine nomenclatures, technical designs, applications, and performance conditions that affect the capabilities and limitations of marine operations are provided. It enables the ability to describe the principal components of gas turbines and their construction. This book will enable the reader to increase professional knowledge through the understanding of navy engineering principles and theory of gas turbine engines. The reader will learn the operation and maintenance of the gas turbine modules (GTMs), gas turbine generators (GTGs), reduction gears, and associated equipment such as pumps, valves, oil purifiers, heat exchangers, shafts, and shaft bearings. Inside this book, you will find technical information such as electronic control circuitry, interfaces such as signal conditioners, control consoles, and designated electrical equipment associated with shipboard propulsion and electrical powerÃ¢â ¬â œgenerating plants. When every detail of engineering work is performed with integrity and reliability, technical leadership know-how will improve.

Book Information

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Customer Reviews

Great reading, very well written. I look forward to the next release in the series!

I taught NROTC and this is the best Naval Engineering book I've come across. I must read for

anyone thinking of becoming a shipboard Engineer or Naval Officer.

Best Naval Engineering book I have ever read!

Dennis L. Richardson, a highly-skilled Naval Officer with over 20 years experience, has written one of the best technical books on Naval Engineering in print today. His vast Navy engineering background can be witnessed through the in depth writing. Well researched and can definitely be used as a tool for professional engineers as well as Science, Technology, Engineering, and Mathmatics (STEM) students alike. I highly recommend this book if you desire a thorough learning of the principles and theory of Gas Turbine Engines.

This gives us an opportunity to understand and openly share all the secrets that are sometimes missed through daily commitments.

Naval Engineering: Principles and Theory of Gas Turbine Engines is well written with both clarity and substance. Dennis L. Richardson has done a fantastic job with this book. I look forward to reading more from him in the future. I would definitely recommend this book without hesitation!

Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1) Engineering Fundamentals: An Introduction to Engineering (Activate Learning with these NEW titles from Engineering!) Biomedical Engineering Principles Of The Bionic Man (Series on Bioengineering & Biomedical Engineering) (Bioengineering & Biomedical Engineering (Paperback)) Naval Station Norfolk (Images of America) Glenview Naval Air Station (IL) (Images of America) Naval Air Station Pensacola (Images of Aviation) Applied Naval Architecture