

98-Nav-A1 - Fundamentals of Naval Architecture*Prime Text:*

Edward V. Lewis ed., Principles of Naval Architecture. The Society of Naval Architects and Marine Engineers, Chapters 1, 2, 3, Volume 1, 1988.

Supplementary Texts:

Barnaby, Kenneth C., Basic Naval Architecture, 2nd edition. Hutchinson's Scientific and Technical Publications, 1954.

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Attwood, Edward L. et al., Theoretical Naval Architecture. Longmans, Green and Co., 1953.

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98-Nav-A2 - Hydrodynamics of Ships (I): Resistance and Propulsion

Edward V. Lewis ed., Principles of Naval Architecture. The Society of Naval Architects and Marine Engineers, Chapters 5, 6, Volume II, 1988.

98-Nav-A3 - Hydrodynamics of Ships (II): Ship Motion*Prime Texts:*

Saunders, Harold E. ed., Hydrodynamics in Ship Design. The Society of Naval Architects and Marine Engineers, Volumes I and II, 1957, Volume III, 1965.

Vossers, G., Behaviour of Ships on Waves. The Technical Publishing Company H. Stam, 1962.

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Edward V. Lewis, ed., Principles of Naval Architecture. The Society of Naval Architects and Marine Engineers, Chapter 8, Volume III, 1989.

98-Nav-A4 - Ship Structure and Strength of Ships

Taggart ed., Ship Design and Construction. The Society of Naval Architects and Marine Engineers, 1980.

Edward V. Lewis. ed., Principles of Naval Architecture. The Society of Naval Architects and Marine Engineers, Chapter 4, Volume I, 1988.

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Supplementary Texts:

Schokker, J.C., Arkenbout et al., The Design of Merchant Ships. The Technical Publishing Company H. Stam., 1959.

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98-Nav-A6 - Advanced Strength of Materials (98-Mec-A4)

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98Nav-B1 - Applied Thermodynamics and Heat Transfer (98-Mec A1)

as defined

98-Nav-B2 - Marine Engineering (98-Mar-A7)

Prime Text:

Harrington, Roy L. (ed.), Marine Engineering. The Society of Naval Architects and Marine Engineers, 1971.

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Sullivan, James A., Fluid Power Theory and Applications, 3rd edition. Prentice Hall, Inc., 1989. ISBN 0-13-323080-5.

Henke, Russell W., Introduction to Fluid Power Circuits and Systems. Addison-Wesley, 1970, LCC Card No. 0-13-323080-5.

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J.R. Lamarsh, Introduction to Nuclear Engineering, 2nd edition. Addison-Wesley, 1983. ISBN 0-201-142007.

98-Nav-B3 - Small Commercial Ships

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Taggart ed., Ship Design and Construction. The Society of Naval Architects and Marine Engineers, 1980.

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Schokker, J.C., Arkenbout et al., The Design of Merchant Ships. The Technical Publishing Company H. Stam., 1959.

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98-Nav-B4 - Advanced Structural Analysis

Timoshenko, S. and Young, D.H., Theory of Structures, 2nd edition. McGrawHill, 1965.

98-Nav-B5 - Ship Production and Shipyard Management

Prime Texts:

Buffa , Modern Production Operations Management, 6th edition. Wiley, 1980.

Juran and Gryna , Quality Planning and Analysis, 2nd edition. Wiley & Sons, 1980.

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Riggs, James L., Production Systems, 3rd edition. John Wiley & Sons, Inc., 1988.

98-Nav-B6 - Design and Manufacture of Machine Elements (98-Mec-A5)

as defined

98-Nav-B7 - Environmental Control in Ships (98-Mar-B2)

Prime Texts:

McQuiston and Parker, Heating Ventilating and Air Conditioning Analysis and Design. Wiley & Sons, 1982.

Irwin and Graf, Industrial Noise and Vibration Control. Prentice-Hall, 1979.

Supplementary Texts:

Jennings, Environmental Engineering. International Text Book Co., 1970.

Carrier and Trane Systems Manuals. (ASHRAE Handbooks).

ASHRAE: Environmental Control Principles: an Educational Supplement to ASHRAE Handbook Fundamentals Volume.