# The geometry of ships

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Résumé ou extrait : This volume of The principles of naval architecture series presents the principles and terminology underlying modern hull form modeling software. Next, it develops the fundamental hydrostatic properties of floating bodies starting from the integration of fluid pressure on the wetted surface. Following this, the numerical methods of performing these and related computations are

presented. Such modeling software normally includes, in addition to the hull definition function, appropriate routines for the computation of hydrostatics, stability, and other properties. It may form a part of a comprehensive computer-based design and manufacturing system and may also be included in shipboard systems that perform operational functions such as cargo load monitoring and damage control. [Source : éditeur]

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Construction navale
Coques (architecture navale) -- Modèles mathématiques
Navires -- Constructions, Théorie des
Hulls (Naval architecture) -- Design and construction -- Mathematical models
Computer-aided software engineering
Shipbuilding

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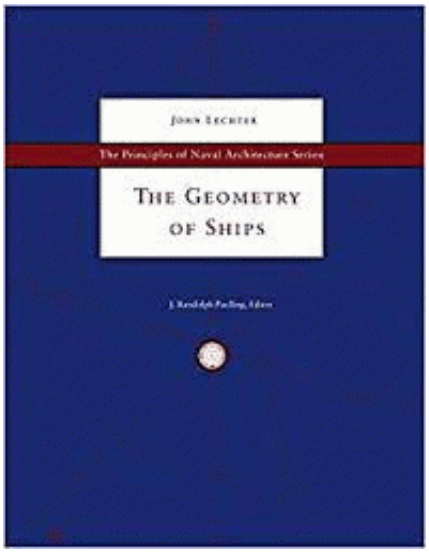
Image de présentation : 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