



Propellers (Classic Reprint)

By Cecil H Peabody

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Propellers This book gives a reliable and convenient method of designing propellers, based on model experiments, and free from theoretical intricacies and uncertainties. For details of experiments on which the method is based and for theoretical investigations, reference may be had to the author s Naval Architecture. Tables are given for two, three, and four bladed propellers, from which the dimensions of a propeller may readily be determined, without interpolation, when the power, speed and revolutions are assigned, either to give maximum efficiency or to conform to certain restrictions such as limited draught. Drawings and computations for propellers are much simplified by using the projected contour and area of the blades, and tables are given by aid of which exact results may quickly be determined. The designer may, however, use the conventional developed contour of blades, if he prefers; simple methods of drawing such contours are included in the text. A brief treatment is given of methods for determining the power required to propel a ship at a given speed, together with data for various...



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