



The Elements of Railroad Engineering; Arithmetic. Algebra. Logarithms. Geometry and Trigonometry. Elementary Mechanics. Hydromechanics. Pneumatics. Strength of Materials

By International Schools

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1897 Excerpt: .as follows: (1.) Mechanics of Solid Bodies. (2.) Mechanics of Fluids. (3.) Mechanics of Heat, or Thermodynamics. Mechanics of Solids is further divided into Statics and Kinetics, or Dynamics, as it is commonly called. Mechanics of Fluids is further divided into Mechanics of Air and Gases, or Pneumatics, and Mechanics of Liquids. The Mechanics of Liquids is divided into Hydrostatics and Hydrokinetics; the latter is also called Hydraulics and Hydrodynamics. 864. Statics treats of the conditions of the equilibrium of bodies. A body is in equilibrium under the action of forces, when the forces acting upon the body balance each other. 865. Kinetics, or Dynamics, treats of bodies in motion, and the effects which they may produce. 866. Pneumatics treats of the laws of the pressure and of the movement of air and other gaseous bodies. 867. Hydrostatics treats of the equilibrium of liquids. 868. Hydrokinetics...



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