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of Pelton turbines -- 2.4. Exercise: centrifugal pump model -- 2.4.1. Solution -- 2.5. Exercise: radial flow turbine model -- 2.5.1. Solution -- Chapter 3 Wind Power -- 3.1. General -- 3.1.1. The wind resource -- 3.1.2. Energy conversion by a wind turbine -- 3.1.3. The development of the wind power sector in France and in Europe -- 3.2. Exercise: flow through a wind turbine - Betz formula -- 3.2.1. Solution -- 3.3. Exercise: wind turbine rotor model -- 3.3.1. Solution -- Chapter 4 Tidal Energy -- 4.1. General information and status of the sector -- 4.2. Exercise: energy model of the Rance plant -- 4.2.1. Solution -- 4.3. Exercise: sizing a Kaplan turbine. 4.3.1. Solution -- 4.4. Exercise: marine current turbines farm and modification of currents -- 4.4.1. Solution -- Chapter 5 Hydroelectric Power -- 5.1. Hydroelectric power history and data -- 5.2. Exercise: maximum power provided by a hydroelectric power station -- 5.2.1. Solution -- 5.3. Exercise: dimensioning of a PSH power plant -- 5.3.1. Part I - turbine study -- 5.3.2. Part II - study of pumping -- 5.3.3. Part III - production plants and operation of the hydroelectric power station -- 5.3.4. Solution -- Chapter 6 Osmotic Energy -- 6.1. The phenomenon of osmosis -- 6.2. Exercise: sizing an electricity production system using osmotic energy -- 6.2.1. Solution -- 6.3. State of the art of osmotic energy technology -- Chapter 7 Ocean Thermal Energy Conversion -- 7.1. The OTEC process -- 7.2. Exercise: sizing an OTEC installation using a closed Rankine cycle -- 7.2.1. Sizing of the closed Rankine cycle -- 7.2.2. Sizing of heat exchangers -- 7.2.3. Sizing of deep sea water pumping and conclusions -- 7.3. State of play of the OTEC sector -- 7.4. Guide to sizing a heat exchanger -- Chapter 8 Wave Energy -- 8.1. Surface gravity wave theory -- 8.1.1. General -- 8.1.2. Kinematics of linear surface waves -- 8.1.3. Wave energy and energy flow -- 8.1.4. Reflection of a wave by a vertical wall -- 8.1.5. A laboratory experiment achieving total recovery of the wave energy flow -- 8.1.6. Recovery of wave energy by an oscillating flap or by a heaving buoy -- 8.2. Exercise: sizing an oscillating flap wave energy converter -- 8.2.1. Solution -- 8.3. State of play on wave energy recovery -- References -- Index -- Other titles from ISTE in Energy -- EULA.

Sommario/riassunto

Mechanical Energy Conversion: Exercises for Scaling Renewable Energy Systems by Mathieu Mory offers a comprehensive guide on mechanical energy conversion techniques, with a focus on scaling renewable energy systems. The book covers fundamental principles of fluid mechanics and details the operation of hydraulic turbomachines, wind power, and tidal energy systems. It aims to provide readers with practical exercises to understand the dynamics of energy conversion and the engineering behind renewable energy technologies. The target audience includes students, researchers, and professionals in the fields of mechanical engineering and renewable energy.