DESCRIPTION

The professional's source. Handbooks in the Wiley Series in Mechanical Engineering Practice Handbook of Energy Systems Engineering Production and Utilization Edited by Leslie C. Wilbur Here is the essential information needed to select, compare, and evaluate energy components and systems. Handbook of Energy Systems is a rich sourcebook of reference data and formulas, performance criteria, codes and standards, and techniques used in the development and production of energy. It focuses on the major sources of energy technology: coal, hydroelectric and nuclear power, petroleum, gas, and solar energy Each section of the Handbook is a mini-primer furnishing modern methods of energy storage, conservation, and utilization, techniques for analyzing a wide range of components such as heat exchangers, pumps, fans and compressors, principles of thermodynamics, heat transfer and fluid dynamics, current energy resource data and much more. 1985 (0 471-86633-4) 1,300 pp.

ABOUT THE AUTHOR

About the editor Alexander Blake is Engineer at Large at Lawrence Livermore National Laboratory where he also chairs several design review and policy committees within the Laboratory's Mechanical Engineering Department. After graduation and postgraduate research in mechanical engineering at London University, he held a number of technical and management positions with British and U.S. industries. His U.S. assignments included positions with Westinghouse Electric Corporation, Associated Spring Barnes Group, Kaiser Aluminum and Chemical Corporation, Aerojet General Corporation, and the Boeing Company He holds several patent disclosures and many of his design and research solutions have appeared in national and
international publications. He has authored two textbooks, Design of Curved Members for Machines, 2nd Edition (1979) and Practical Stress Analysis in Engineering Design (1982). In 1969 he was awarded the title of Chartered Engineer by the British Council of Engineering Institutions and was made a fellow of the American Society of Mechanical Engineers in 1974.