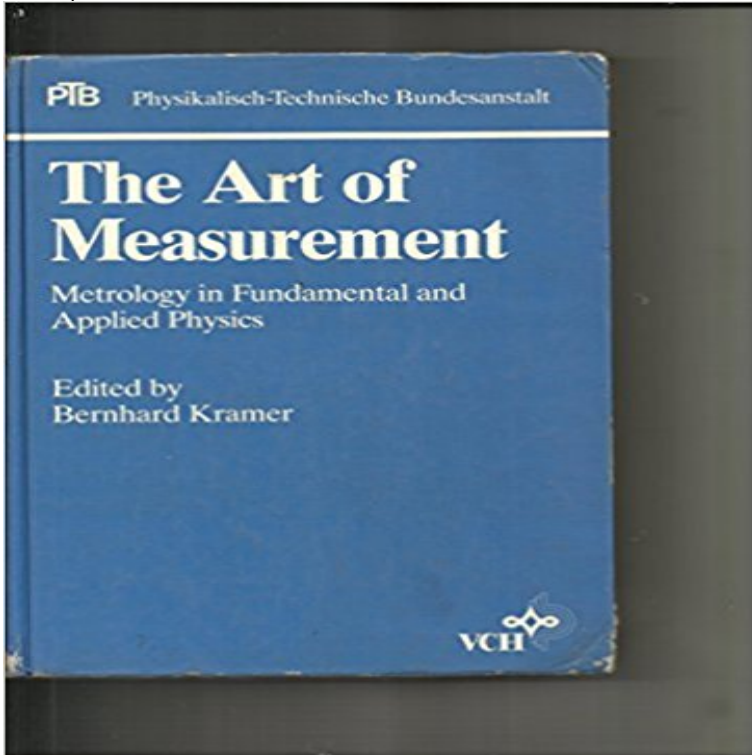


The Art of Measurement: Metrology in Fundamental and Applied Physics



This book surveys metrology and its interplay with fundamental and applied physics. Precision as the outstanding characteristic of the art of measurement is the thread which connects the fourteen articles in this book. They are based on papers presented by international experts at a symposium on the occasion of the 100th anniversary of the Physikalisch-Technische Bundesanstalt at Braunschweig, West Germany. The topics range from laser experiments, condensed matter research, realization of standards, and measurement of fundamental constants to precision measurements in medicine. In accordance with the broad scope of the book's contents, physicists at universities, research institutes and in industry, physics students, and even physicians will benefit greatly from it.

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