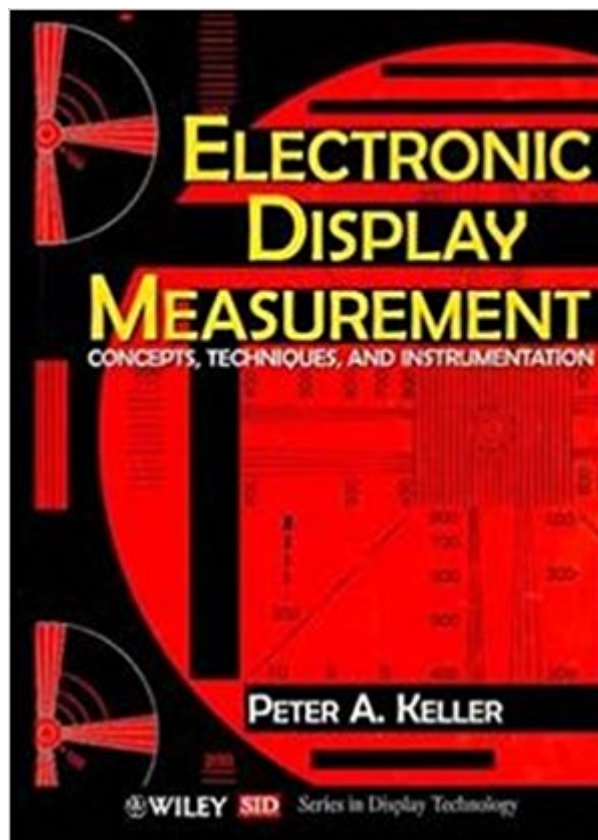




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Electronic Display Measurement: Concepts, Techniques, And Instrumentation



Synopsis

From television to computers to coffee makers to aircraft cockpits and more, displays play an important role in our everyday life. This book describes practical techniques and instrumentation for the measurement of these displays, as well as common pitfalls that result from errors.

Book Information

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From television to computers to coffee makers to aircraft cockpits and more, displays play an important role in our everyday life. This book describes practical techniques and instrumentation for the measurement of these displays, as well as common pitfalls that result from errors.

The first and only complete reference on how to measure, test, and compare electronic displays Electronic Display Measurement is the first complete reference manual in its field and a practical guide to the most reliable techniques, methods, and instruments available for measuring electronic displays. Supplemented with an extensive bibliography, useful industry standards, and difficult-to-find conversions, equations, and tables, this book also includes an appendix of equipment manufacturers and nearly 100 illustrations and charts. A discussion of the common pitfalls involved in measuring displays promises to bring some needed standardization to the field. This easy-to-understand manual helps you gauge the dependability, accuracy, and competitiveness of any electronic display. Electronic Display Measurement shows you how to measure: * Luminance. * Resolution. * Contrast. * Quality.Color. * Uniformity. * Registration. * And more.

Electronic Display Measurement explains difficult concepts clearly and describes delicate procedures step-by-step. It is the most up-to-date guide available for designers, engineers, and manufacturers of display systems who need to develop precise, reliable methods for evaluating electronic displays.

The first few chapters take you smoothly with concepts of display systems and color science. But the later chapters are really boring with most of the test procedures too archaic and applicable only to CRT systems. If you looking for something to test and measure your latest display devices including plasma or lcd or oled this book is nowhere going to solve your even basic doubts. Highly disappointed the lousy way the book deals with advanced topics. Only for undergraduate or very first course in display testing. Suchit Shah

Test & Measurement - Nanotechnology

This is a low level, descriptive introduction to the business. After the first few days of making display measurements, I've not needed this book again. Borrow it from a library for a week.

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