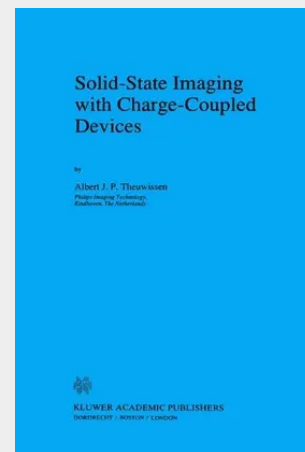


Solid-State Imaging with Charge-Coupled Devices

covers the complete imaging chain: from the CCD's fundamentals to the applications. The book is divided into four main parts: the first deals with the basics of the charge-coupled devices in general. The second explains the imaging concepts in close relation to the classical television application. Part three goes into detail on new developments in the solid-state imaging world (light sensitivity, noise, device architectures), and part four rounds off the discussion with a variety of applications and the imager technology. The book is a reference work intended for all who deal with one or more aspects of solid-state imaging: the educational, scientific and industrial world. Graduates, undergraduates, engineers and technicians interested in the physics of solid-state imagers will find the answers to their imaging questions. Since each chapter concludes with a short section 'Worth Memorizing', reading this short summary allows readers to continue their reading without missing the main message from the previous section.

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