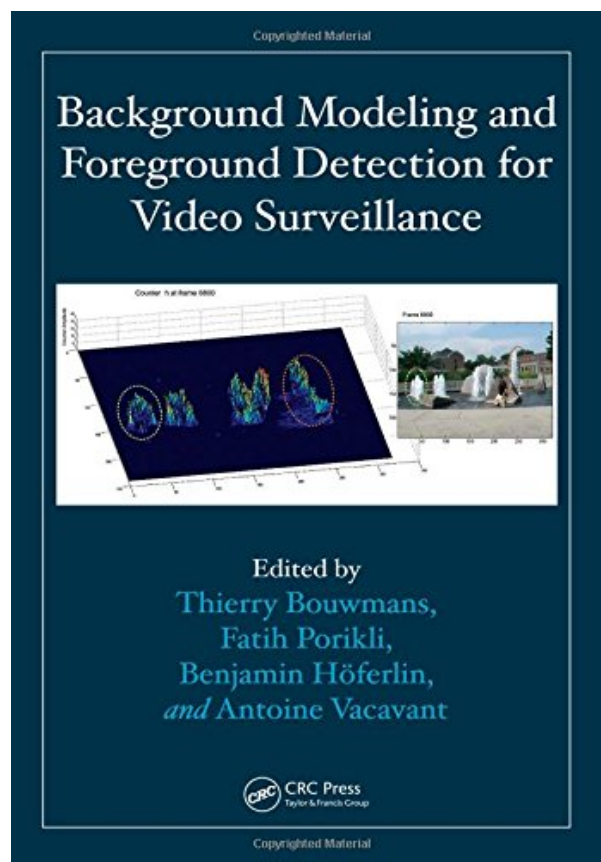


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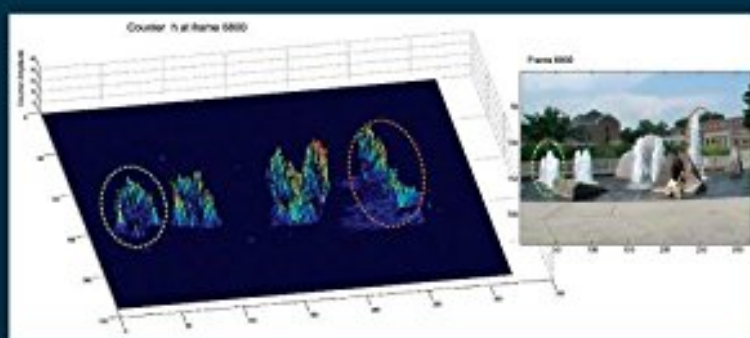


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Edited by  
Thierry Bouwmans,  
Fatih Porikli,  
Benjamin Höferlin,  
and Antoine Vacavant

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"... a very interesting, extensive, and up-to-date book about various aspects related to background subtraction for video surveillance systems. It successfully provides a complete overview and an in-depth view... an absolute 'must-read book' for people working in this domain."

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The book presents the top methods and algorithms for detecting moving objects in video surveillance. It covers statistical models, clustering models, neural networks, and fuzzy models. It also addresses sensors, hardware, and implementation issues and discusses the resources and datasets required for evaluating and comparing background subtraction algorithms. The datasets and codes used in the text, along with links to software demonstrations, are available on the book's website.

A one-stop resource on up-to-date models, algorithms, implementations, and benchmarking techniques, this book helps researchers and industry developers understand how to apply background models and foreground detection methods to video surveillance and related areas, such as optical motion capture, multimedia applications, teleconferencing, video editing, and human-computer interfaces. It can also be used in graduate courses on computer vision, image processing, real-time architecture, machine learning, or data mining.

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