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Embedded Computer Vision

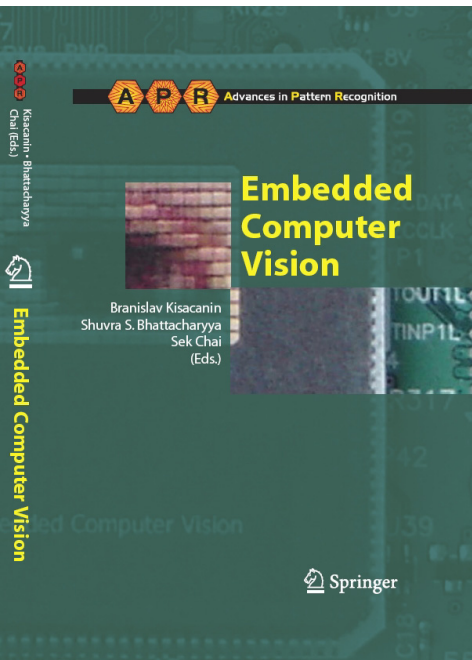
This book brings together a wealth of experiences from leading researchers in the field of Embedded C omputer vision, from both academic and industrial research labs. Lately there is a major shift in the way computer vision applications are implemented and even developed. This book covers a broad range of challenges and trade offs brought by this paradigm shift. Part I, the introductory chapters, discusses basics of the field, providing an exposition of early work in the area necessary for understanding the present and future work. Part II, offers chapters, based on the most recent research and includes results from industry and academia. Finally the last part looks ahead, providing a sense of what major applications could be expected in the near future. This book is a welcome collection of stand-alone articles, ideal for researchers, practitioners, and graduate students, written by leaders in the field, such as A.Lipton (ObjectVideo) and N.Gagvani (Cernium).

- Provides historical perspective, the latest research results and a vision for future developments in the new field of embedded computer vision
- Contains high-level, state-of-the-art research results
- Looks ahead, providing a sense of what major applications could be expected in the near future

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