

Preface

The research book is a continuation of our previous books which are focused on the recent advances in computer vision methodologies and technical solutions using conventional and intelligent paradigms.

- Computer Vision in Control Systems-1, Mathematical Theory, ISRL Series, Volume 73, Springer-Verlag, 2015
- Computer Vision in Control Systems-2, Innovations in Practice, ISRL Series, Volume 75, Springer-Verlag, 2015
- Computer Vision in Control Systems-3, Aerial and Satellite Image Processing, ISRL Series, Volume 135, Springer-Verlag, 2018

The research work presented in the book includes a number of real-life applications including the identification of handwritten texts, watermarking techniques, the mobile robot simultaneous localization and mapping, motion control systems of mobile robots, analysis of indoor human activity, face image quality assessment, android device controlling, medical images processing, clinical decision-making and foot progression angle detection.

The book is directed to the Ph.D. students, professors, researchers and software developers working in the areas of digital video processing and computer vision technologies.

We wish to express our gratitude to the authors and reviewers for their contribution. The assistance provided by Springer-Verlag is acknowledged.

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Computer Vision in Control Systems-4

Real Life Applications

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2018, XIV, 317 p. 137 illus., 86 illus. in color., Hardcover

ISBN: 978-3-319-67993-8