

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

The research work presented in the book includes multidimensional image models and processing, vision-based change detection, filtering and texture segmentation, extraction of objects in digital images, road traffic monitoring by UAV, video stabilization, image deblurring, structural verification, matrix transformation and numerical system for computer vision.

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.

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