Rajagopalan, A. N. and Rama Chellappa. *Motion Deblurring: Algorithms and Systems.* United Kingdom: Cambridge University Press, 2014, 293 pp. $120.00 (Hardbound).

A comprehensive guide to restoring images degraded by motion blur, bridging traditional approaches and emerging computational photography-based techniques, and bringing together a wide range of methods drawn from basic theory and cutting-edge research. It encompasses both algorithms and architectures, providing detailed coverage of practical techniques by leading researchers.

From an algorithm perspective, blind and non-blind approaches are discussed, including the use of single or multiple images; projective motion blur model; image priors and parametric models; high dynamic range imaging in the irradiance domain; and recognition of blurred images. Performance limits for motion deblurring cameras are also presented.

From a systems perspective, hybrid frameworks combining low resolution high-speed and high resolution low-speed cameras are described, along with the use of inertial sensors and coded exposure cameras. An architecture exploiting compressive sensing for video recovery is also included.

This book will be a valuable resource for researchers and practitioners in computer vision, image processing, and related fields.

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