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Titolo	Computational Approaches in the Transfer of Aesthetic Values from Paintings to Photographs : Beyond Red, Green and Blue // by Xiaoyan Zhang, Martin Constable, Kap Luk Chan, Jinze Yu, Wang Junyan
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Soggetti	Signal processing Image processing Speech processing systems Optical data processing Computer mathematics Signal, Image and Speech Processing Image Processing and Computer Vision Computational Science and Engineering
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Colour Attributes of Paintings -- Geometric Attributes of Paintings -- Paintings Versus Photographs -- Computational Algorithms: Colour Attributes -- Future Work.
Sommario/riassunto	This book examines paintings using a computational and quantitative approach. Specifically, it compares paintings to photographs, addressing the strengths and limitations of both. Particular aesthetic practices are examined such as the vista, foreground to background organisation and the depth planes. These are analysed using a range of computational approaches and clear observations are made. New generations of image-capture devices such as Google goggles and the light field camera, promise a future in which the formal attributes of a photograph are made available for editing to a degree that has hitherto been the exclusive territory of painting. In this sense paintings and photographs are converging, and it therefore seems an opportune time to study the comparisons between them. In this context, the book

includes cutting-edge work examining how some of the aesthetic attributes of a painting can be transferred to a photograph using the latest computational approaches.

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