Unleash the Power of Image and Video Stylisation: Delve into "Computational Imaging and Vision 42"

In the realm of digital media, the boundaries of artistic expression are constantly being pushed. "Computational Imaging and Vision 42" emerges as a groundbreaking publication, illuminating the latest breakthroughs in image and video stylisation techniques. This comprehensive guide unveils the cutting-edge algorithms and machine learning models driving the creation of captivating and visually stunning artworks.

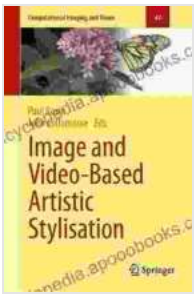

Image and Video-Based Artistic Stylisation (Computational Imaging and Vision Book 42)

by Philippe Besson

4.1 out of 5

Language	: English
File size	: 16968 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 641 pages

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Unveiling the World of Computational Imaging and Vision

The field of computational imaging and vision harnesses the power of computation to transform raw visual data into rich and expressive imagery. Through advanced mathematical models and algorithms, this book

explores how computational techniques can be leveraged to alter an image's or video's appearance, rendering them in diverse artistic styles.

Delving into Image Stylisation

Image stylisation empowers artists and designers to transform ordinary images into extraordinary works of art. "Computational Imaging and Vision 42" delves into the intricate details of image stylisation algorithms, showcasing how they can emulate the brushstrokes of renowned painters, apply abstract patterns, or mimic the aesthetics of historical art movements. These techniques open up boundless possibilities for artistic expression and visual storytelling.

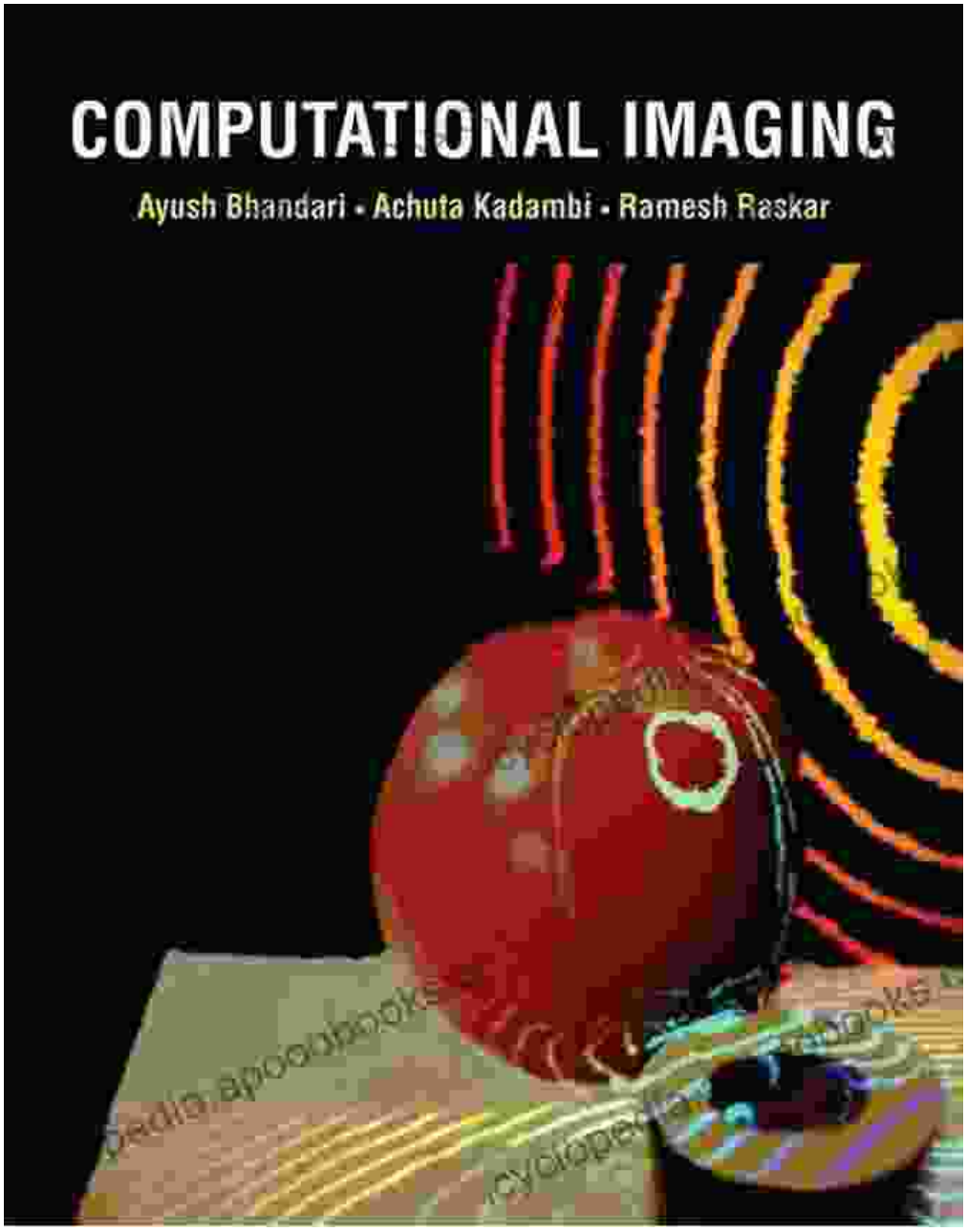
Exploring Video Stylisation

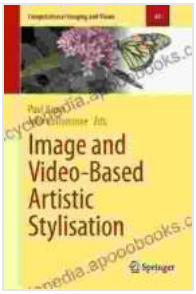
Extending beyond still images, the book ventures into the dynamic realm of video stylisation. It unravels the complexities of applying style transfer to moving images, addressing challenges such as temporal consistency and preserving semantic content. By delving into the algorithms behind video stylisation, readers gain insights into how videos can be transformed into captivating narratives through the application of artistic filters and effects.

Real-World Applications of Stylisation

"Computational Imaging and Vision 42" transcends theoretical knowledge by showcasing the practical applications of image and video stylisation in various domains. From enhancing visual media to aiding medical imaging, readers discover how these techniques are revolutionising industries by enhancing visual appeal, improving communication, and providing valuable insights.

"Computational Imaging and Vision 42" is an indispensable resource for anyone seeking to master the art of image and video stylisation. Its comprehensive coverage of state-of-the-art techniques and real-world applications empower artists, designers, and researchers to push the boundaries of visual creation. Dive into the pages of this book and unlock the transformative power of computational imaging and vision today.





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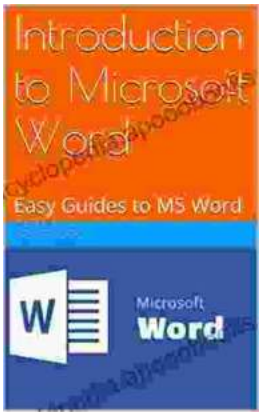

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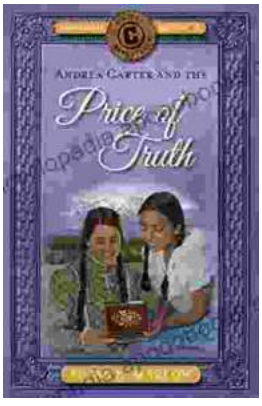

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