



Paul Rosin, John Collomosse (Eds.)

Image and Video-Based Artistic Stylisation

Series: Computational Imaging and Vision

- Provides a detailed coverage of 2D image based NPR Contains chapters written by a renowned expert in the field Aimed at to both graduate students and professional developers

Non-photorealistic rendering (NPR) is a combination of computer graphics and computer vision that produces renderings in various artistic, expressive or stylized ways such as painting and drawing. This book focuses on image and video based NPR, where the input is a 2D photograph or a video rather than a 3D model. 2D NPR techniques have application in areas as diverse as consumer and professional digital photography and visual effects for TV and film production. The book covers the full range of the state of the art of NPR with every chapter authored by internationally renowned experts in the field, covering both classical and contemporary techniques. It will enable both graduate students in computer graphics, computer vision or image processing and professional developers alike to quickly become familiar with contemporary techniques, enabling them to apply 2D NPR algorithms in their own projects.

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