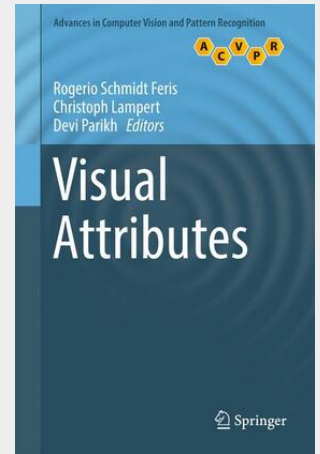


Visual Attributes

This unique text/reference provides a detailed overview of the latest advances in machine learning and computer vision related to visual attributes, highlighting how this emerging field intersects with other disciplines, such as computational linguistics and human-machine interaction. Topics and features: presents attribute-based methods for zero-shot classification, learning using privileged information, and methods for multi-task attribute learning; describes the concept of relative attributes, and examines the effectiveness of modeling relative attributes in image search applications; reviews state-of-the-art methods for estimation of human attributes, and describes their use in a range of different applications; discusses attempts to build a vocabulary of visual attributes; explores the connections between visual attributes and natural language; provides contributions from an international selection of world-renowned scientists, covering both theoretical aspects and practical applications.

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106,99 €
99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783319500751
Medium: Buch
ISBN: 978-3-319-50075-1
Verlag: Springer International Publishing
Erscheinungstermin: 30.03.2017
Sprache(n): Englisch
Auflage: 1. Auflage 2017
Serie: Advances in Computer Vision and Pattern Recognition
Produktform: Gebunden
Gewicht: 7475 g
Seiten: 364
Format (B x H): 160 x 241 mm

