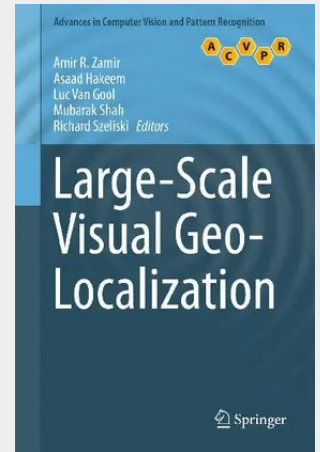


Large-Scale Visual Geo-Localization

This timely and authoritative volume explores the bidirectional relationship between images and locations. The text presents a comprehensive review of the state of the art in large-scale visual geo-localization, and discusses the emerging trends in this area. Valuable insights are supplied by a pre-eminent selection of experts in the field, into a varied range of real-world applications of geo-localization. Topics and features: discusses the latest methods to exploit internet-scale image databases for devising geographically rich features and geo-localizing query images at different scales; investigates geo-localization techniques that are built upon high-level and semantic cues; describes methods that perform precise localization by geometrically aligning the query image against a 3D model; reviews techniques that accomplish image understanding assisted by the geo-location, as well as several approaches for geo-localization under practical, real-world settings.

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128,39 €

119,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783319257792

Medium: Buch

ISBN: 978-3-319-25779-2

Verlag: Springer

Erscheinungstermin: 19.07.2016

Sprache(n): Englisch

Auflage: 1. Auflage 2016

Serie: Advances in Computer Vision and Pattern Recognition

Produktform: Gebunden

Gewicht: 7342 g

Seiten: 351

Format (B x H): 160 x 241 mm

