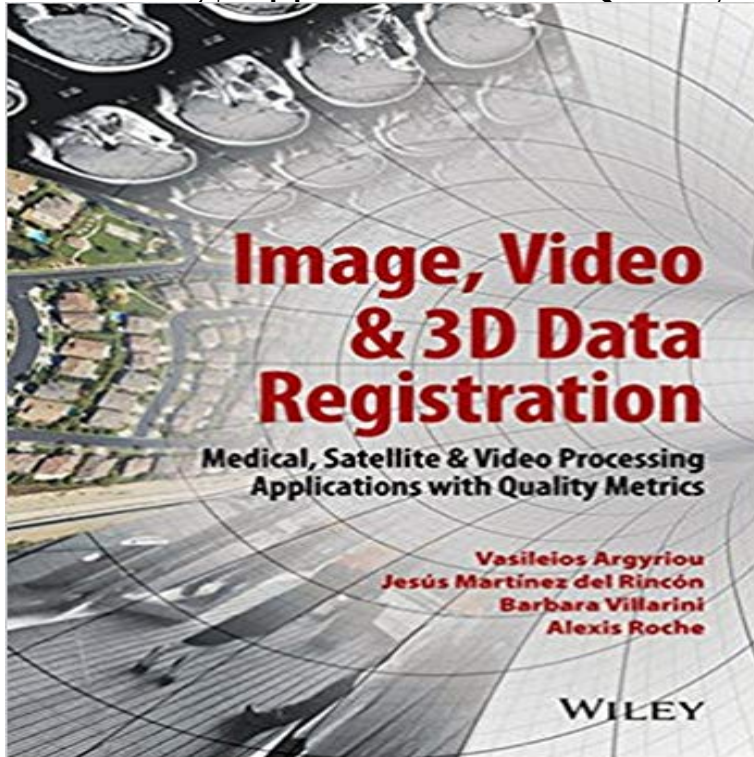


Image, Video and 3D Data Registration: Medical, Satellite and Video Processing Applications with Quality Metrics



Data registration refers to a series of techniques for matching or bringing similar objects or datasets together into alignment. These techniques enjoy widespread use in a diverse variety of applications, such as video coding, tracking, object and face detection and recognition, surveillance and satellite imaging, medical image analysis and structure from motion. Registration methods are as numerous as their manifold uses, from pixel level and block or feature based methods to Fourier domain methods. This book is focused on providing algorithms and image and video techniques for registration and quality performance metrics. The authors provide various assessment metrics for measuring registration quality alongside analyses of registration techniques, introducing and explaining both familiar and state-of-the-art registration methodologies used in a variety of targeted applications. Key features: Provides a state-of-the-art review of image and video registration techniques, allowing readers to develop an understanding of how well the techniques perform by using specific quality assessment criteria. Addresses a range of applications from familiar image and video processing domains to satellite and medical imaging among others, enabling readers to discover novel methodologies with utility in their own research. Discusses quality evaluation metrics for each application domain with an interdisciplinary approach from different research perspectives.

Image, Video and 3D Data Registration: Medical, Satellite and Video Aug 17, 2015 Image, Video and 3D Data Registration: Medical, Satellite and Video Processing Applications with Quality Metrics. Front Cover Vasileios Image, Video & 3D Data Registration: Medical, Satellite & Video Sep 8, 2015 Image, Video and 3D Data Registration: Medical, Satellite and Video Processing Applications with Quality Metrics / Edition 1. by Vasileios Image, Video and 3D Data Registration: Medical, Satellite and Video Image, Video and 3D Data Registration : Medical, Satellite and Video Processing Applications with Quality Metrics (Vasileios Argyriou) at . Structure from Motion - Image, Video & 3D Data Registration Dec 18, 2015 Image & Video Processing > Image, Video & 3D Data Registration: Medical,

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