

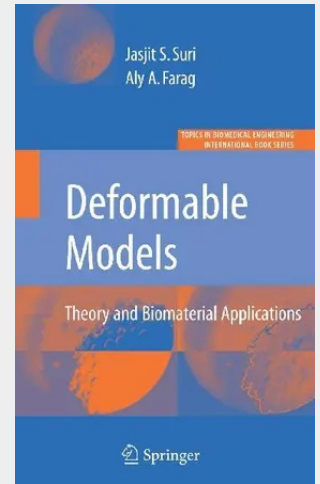
Deformable Models

Theory and Biomaterial Applications

In the biomedical field, biomedical imagery has come to be a discipline of its own, given the nature of its applications in the understanding of the human body and medical diagnostics. The understanding of Deformable Models are the significant utility on biomedical imagery primarily because of its ability to perform efficient topology preservation and fast shape recovery. This has dominated the binary, grayscale and color imaging frameworks, which the eye can perceive. It has not only the ability to find boundaries and surfaces that are deep-seated in 2-D and 3-D volumes respectively, but also provide satisfactory solutions for the completion of cognitive objects with missing boundaries.

Deformable Models: Theory and Biomaterial Applications focuses on the core image processing techniques: theory and biomaterials useful to research and industry.

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213,99 €

199,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781493902132

Medium: Buch

ISBN: 978-1-4939-0213-2

Verlag: Springer

Erscheinungstermin: 20.11.2014

Sprache(n): Englisch

Auflage: 2007

Serie: Topics in Biomedical Engineering. International Book Series

Produktform: Kartoniert

Gewicht: 896 g

Seiten: 581

Format (B x H): 155 x 235 mm

