Principles of Digital Image Processing: Core Algorithms (Undergraduate Topics in Computer Science)

Von Wilhelm Burger, Mark J. Burge
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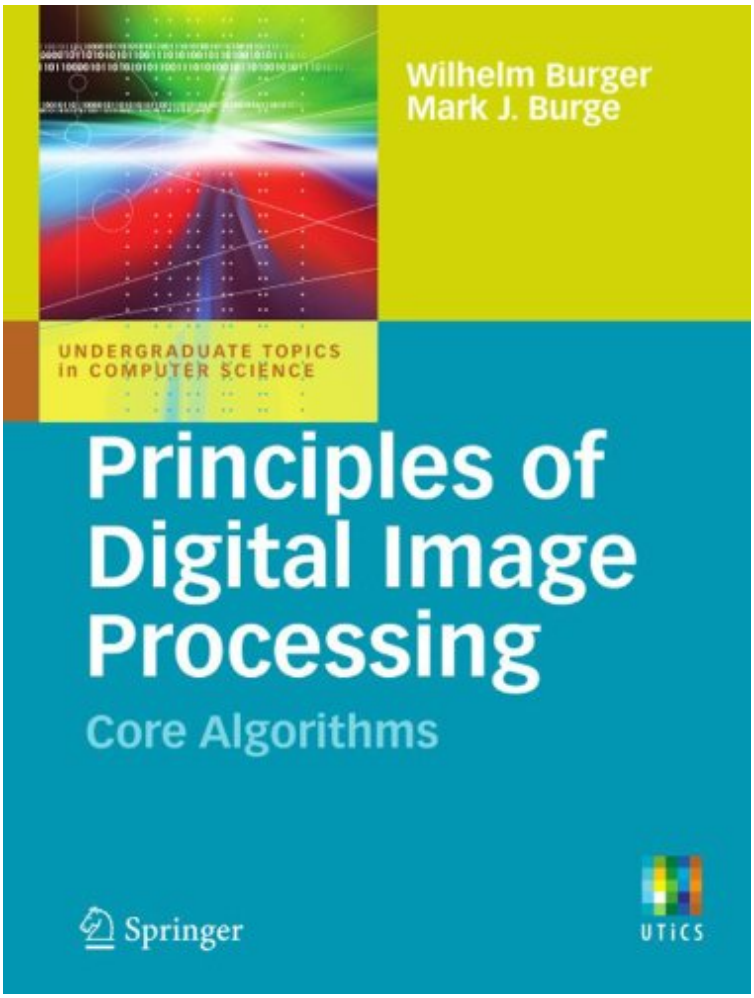

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Von Wilhelm Burger, Mark J. Burge : Principles of Digital Image Processing: Core Algorithms (Undergraduate Topics in Computer Science) before purchasing it in order to gage whether or not it would be worth my time, and all praised Principles of Digital Image Processing: Core Algorithms (Undergraduate Topics in Computer Science):

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Sehr anschaulich und gut erklrtVon H. BauerDie Algorithmen sind sehr gut erklrt und werden anschaulich illustriert. Im Gegensatz zu manch anderen Bchern ber Bild-Analyse geht das Buch auch auf feine Details der Algorithmen ein und erklrt die Vorgehensweise sehr ausfhrlich.Auch wenn das Buch auf Englisch geschrieben ist, ist es meiner Meinung

nach gut fr den Einstieg in die Bild-Analyse geeignet.

KurzbeschreibungThis is the second volume of a book series that provides a modern, algori- mic introduction to digital image processing. It is designed to be used both by learners desiring a ?rm foundation on which to build and practitioners in search of critical analysis and modern implementations of the most important techniques. This updated and enhanced paperback edition of our compreh- sive textbook Digital Image Processing: An Algorithmic Approach Using Java packages the original material into a series of compact volumes, thereby s- porting a ?exible sequence of courses in digital image processing. Tailoring the contents to the scope of individual semester courses is also an attempt to p- vide a?ordable (and backpack-compatible) textbooks without comprimising the quality and depth of content. This second volume, titled Core Algorithms, extends the introductory - terial presented in the ?rst volume (Fundamental Techniques) with additional techniques that are, nevertheless, part of the standard image processing to- box. A forthcomingthird volume(Advanced Techniques) will extendthis series and add important material beyond the elementary level, suitable for an - vanced undergraduate or even graduate course.PressestimmenFrom the reviews:"This text is the second of three volumes by Burger and Burge to provide an algorithmic introduction to digital image processing. This textbook is for academicians who want a mathematical or theoretical foundation that underlies the methods used, as well as for engineers who are interested in practical implementations of the most important algorithms. The volume is a very nice extension to the material and a worthwhile read." (Minette Carl, ACM Computing s, August, 2009)This is the second textbook from authors three-book series for graduate and post-graduate courses covering digital image processing techniques; earlier the material appeared in one comprehensive volume Digital Image Processing: An Algorithmic Introduction using Java. This volume covers regions in binary images, curve and corner detecting, color spaces and quantization, transformations and comparing/matching of images. The presentation is very algorithmic and expects hands-on experimentation with presented notions and algorithms, every chapter ends with exercises . (Jaak Henno, Zentralblatt MATH, Vol. 1185, 2010)KurzbeschreibungThis is the second volume of a book series that provides a modern, algori- mic introduction to digital image processing. It is designed to be used both by learners desiring a ?rm foundation on which to build and practitioners in search of critical analysis and modern implementations of the most important techniques. This updated and enhanced paperback edition of our compreh- sive textbook Digital Image Processing: An Algorithmic Approach Using Java packages the original material into a series of compact volumes, thereby s- porting a ?exible sequence of courses in digital image processing. Tailoring the contents to the scope of individual semester courses is also an attempt to p- vide a?ordable (and backpack-compatible) textbooks without comprimising the quality and depth of content. This second volume, titled Core Algorithms, extends the introductory - terial presented in the ?rst volume (Fundamental Techniques) with additional techniques that are, nevertheless, part of the standard image processing to- box. A forthcomingthird volume(Advanced Techniques) will extendthis series and add important material beyond the elementary level, suitable for an - vanced undergraduate or even graduate course.