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stable, well-supported software environment for addressing a broad range of applications in digital image processing. Digital Image Processing Using MATLAB, 3rd edition ... The Image Processing Toolbox provides a stable, well-supported software environment for addressing a broad range of applications in digital image processing. A unique feature of Digital Image Processing Using MATLAB is its emphasis on showing how to enhance those tools by developing new code. This is important in image processing, an area that normally requires extensive experimental work in order to arrive at acceptable application solutions. Some Highlights Digital Image Processing Using MATLAB, 2nd edition Image mirroring. Mirroring technique is the rotating of reversed image on the horizontal axis. In MATLAB Image Processing Toolbox has `imrotate` () function for rotating image. This function needs three properties which are image matrix variable, rotating angle, and interpolation method (Figure 13). Digital Image Processing with MATLAB | IntechOpen Digital Image Processing Using MATLAB is the first book to offer a balanced treatment of image processing fundamentals and the software principles used in their implementation. The book integrates material from the leading text, Digital Image Processing by Gonzalez and Woods, and the Image Processing Toolbox from The MathWorks, Inc., a leader in scientific computing. Digital Image Processing Using MATLAB, 2nd ed. by Rafael C ... Digital Image Processing Using MATLAB-204003, Gopi Books, SCITECH PUBLICATIONS (INDIA) PVT. LTD. Books, 9788183715867 at Meripustak. Digital Image Processing Using MATLAB, 9788183715867, Gopi ... Advertisement. In this series of four articles, fundamentals, as well as advanced topics of image processing using MATLAB, are discussed. The articles cover basic to advanced functions of MATLAB's image processing toolbox (IPT) and their effects on different images. 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The Image Processing Toolbox provides a stable, well-supported software environment for addressing a broad range of applications in digital image processing. A unique feature of Digital Image Processing Using MATLAB is its emphasis on showing how to enhance those tools by developing new code. This is important in image processing, an area that normally requires extensive experimental work in order to arrive at acceptable application solutions. Some Highlights

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This new, 3rd edition of Digital Image Processing Using MATLAB features extensive revisions of the topics from the 2nd ed. In addition, this edition includes comprehensive new MATLAB implementation of image transforms, spectral color models, geometric transformations, clustering, superpixels, graph cuts, active contours (snakes and level sets), maximally-stable extremal regions, SIFT, SURF ...

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Digital Image Processing Using MATLAB is the first book to offer a balanced treatment of image processing fundamentals and the software principles used in their implementation. The book integrates material from the leading text, Digital Image Processing by Gonzalez and Woods, and the Image Processing Toolbox from The MathWorks, Inc., a leader in scientific computing.

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Image mirroring. Mirroring technique is the rotating of reversed image on the horizontal axis. In MATLAB Image Processing Toolbox has `imrotate` () function for rotating image. This function needs three properties which are image matrix variable, rotating angle, and interpolation method (Figure 13).

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