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Titolo	Java Image Processing Recipes : With OpenCV and JVM // by Nicolas Modrzyk
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2018
ISBN	9781484234655 1484234650
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (355 pages)
Disciplina	005.133
Soggetti	Java (Computer program language) Open source software Computer programming Java Open Source Web Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: OpenCV on JVM, and why Origami -- Chapter 2: Performing Image Manipulations -- Chapter 3: Analyzing Image Content -- Chapter 4: Working with Real-time Video Streams.
Sommario/riassunto	Quickly obtain solutions to common Java image processing problems, learn best practices, and understand everything OpenCV has to offer for image processing. You will work with a JVM image wrapper to make it very easy to run image transformation through pipelines and obtain instant visual feedback. This book makes heavy use of the Gorilla environment where code can be executed directly in the browser, and image transformation results can also be visualized directly in the browser. Java Image Processing Recipes includes recipes on more advanced image manipulation techniques, such as image smoothing, cartooning, sketching, and mastering masks to apply changes only to parts of the image. You'll see how OpenCV features provide instant solutions to problems such as edges detection and shape finding. Finally, the book contains practical recipes dealing with webcams and various video streams, giving you ready-made code with which to do

real-time video analysis. You will: Create your personal real-time image manipulation environment Manipulate image characteristics with OpenCV Work with the Origami image wrapper Apply manipulations to webcams and video streams.

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