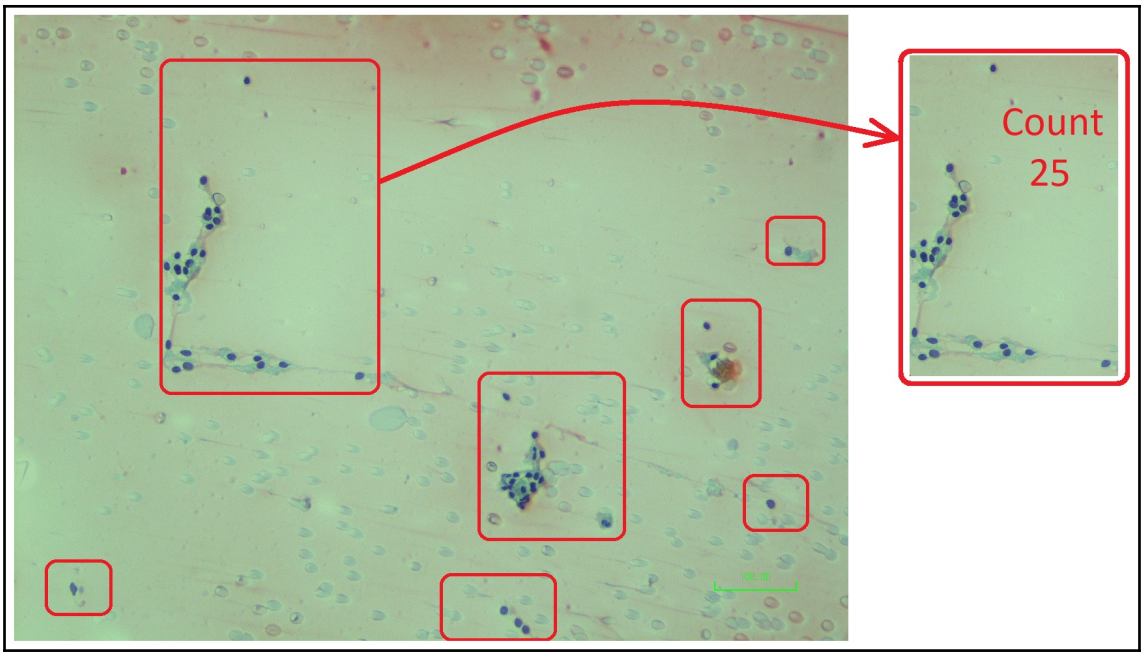
Chapter 1: Introduction to Computer Vision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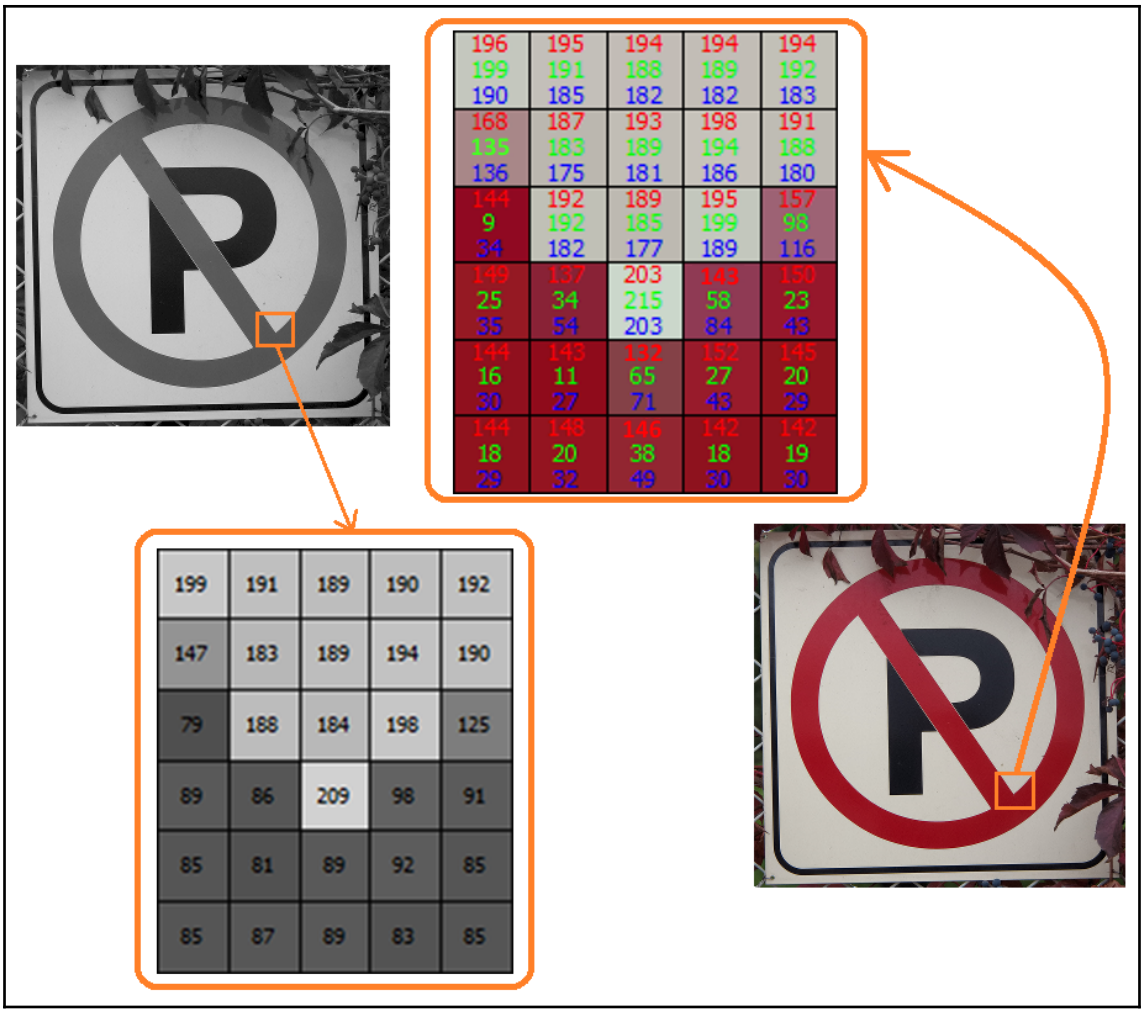
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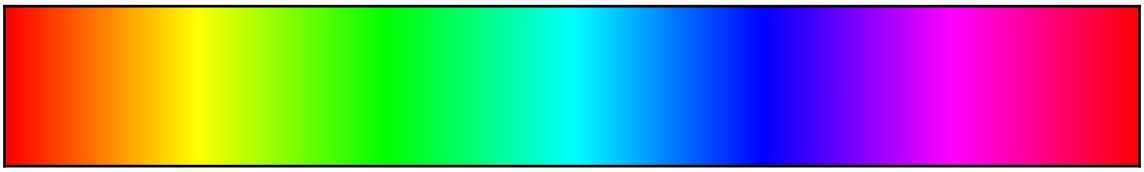
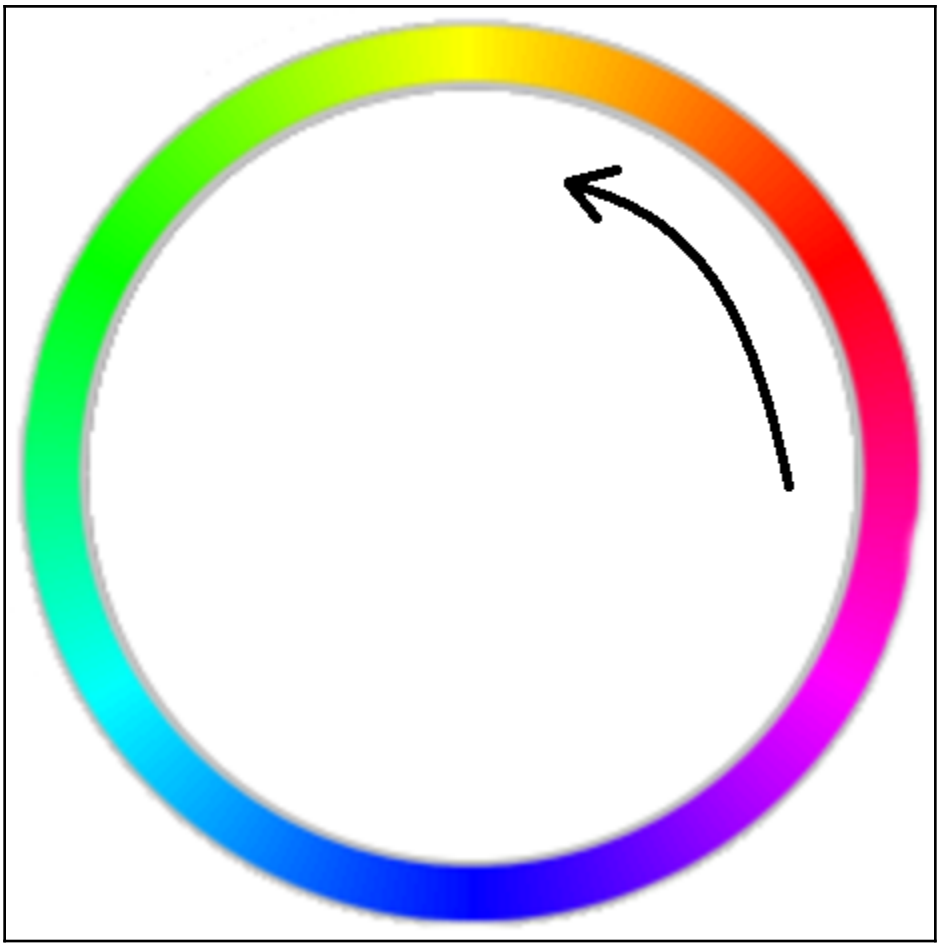
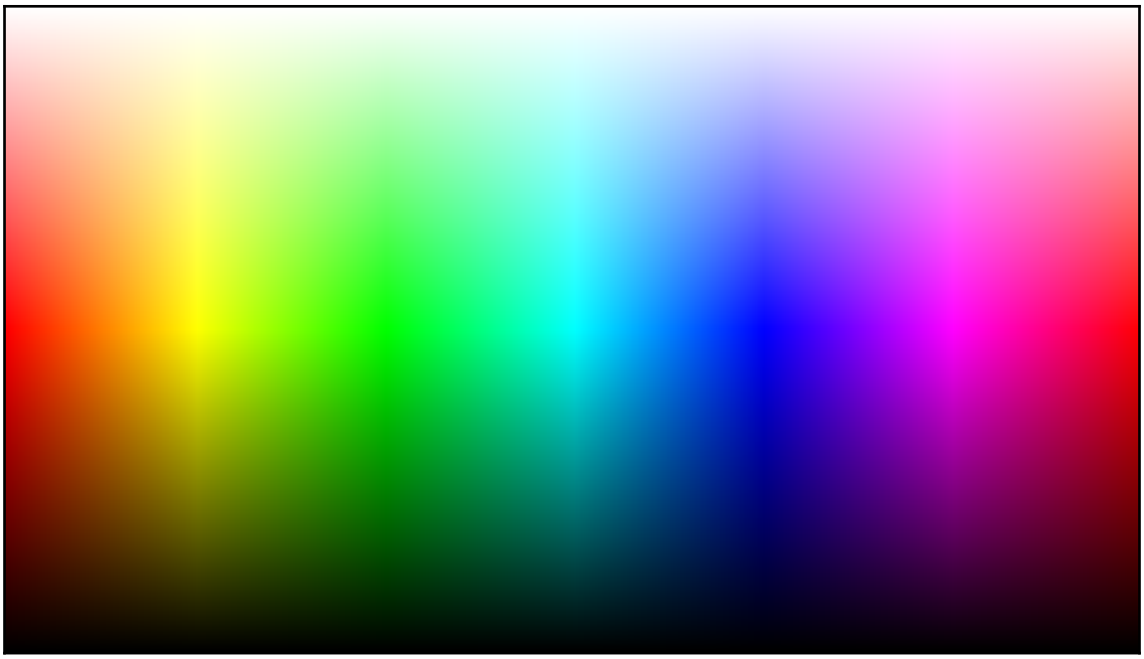
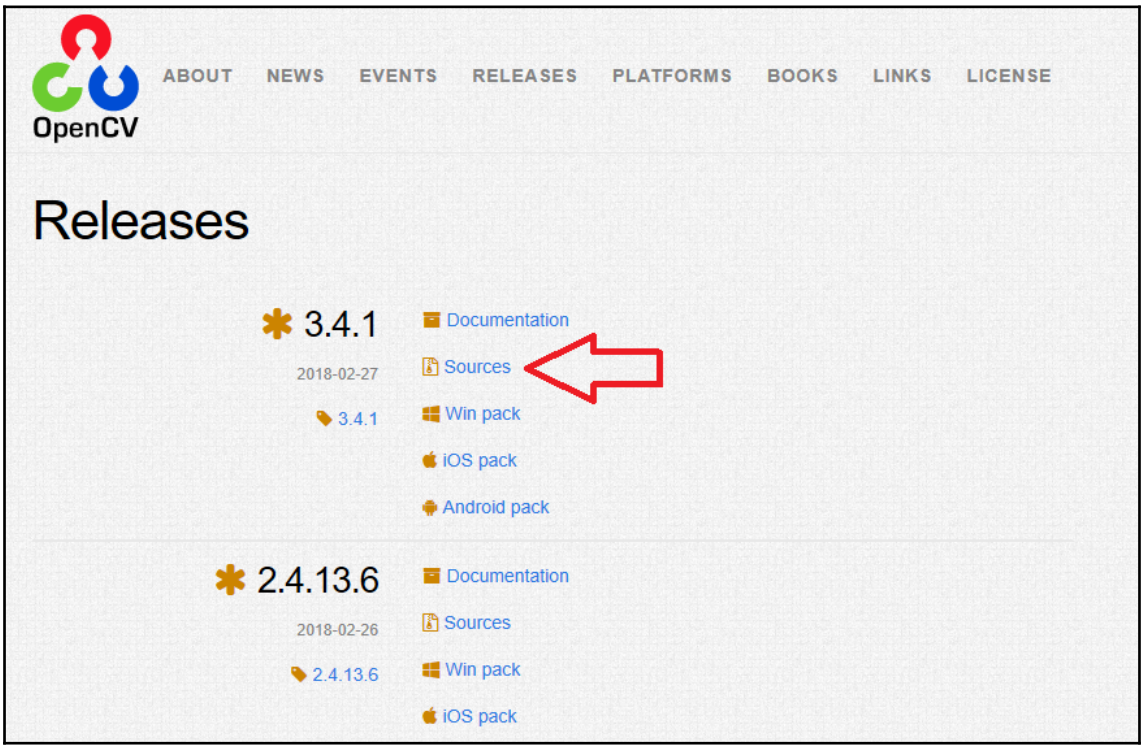
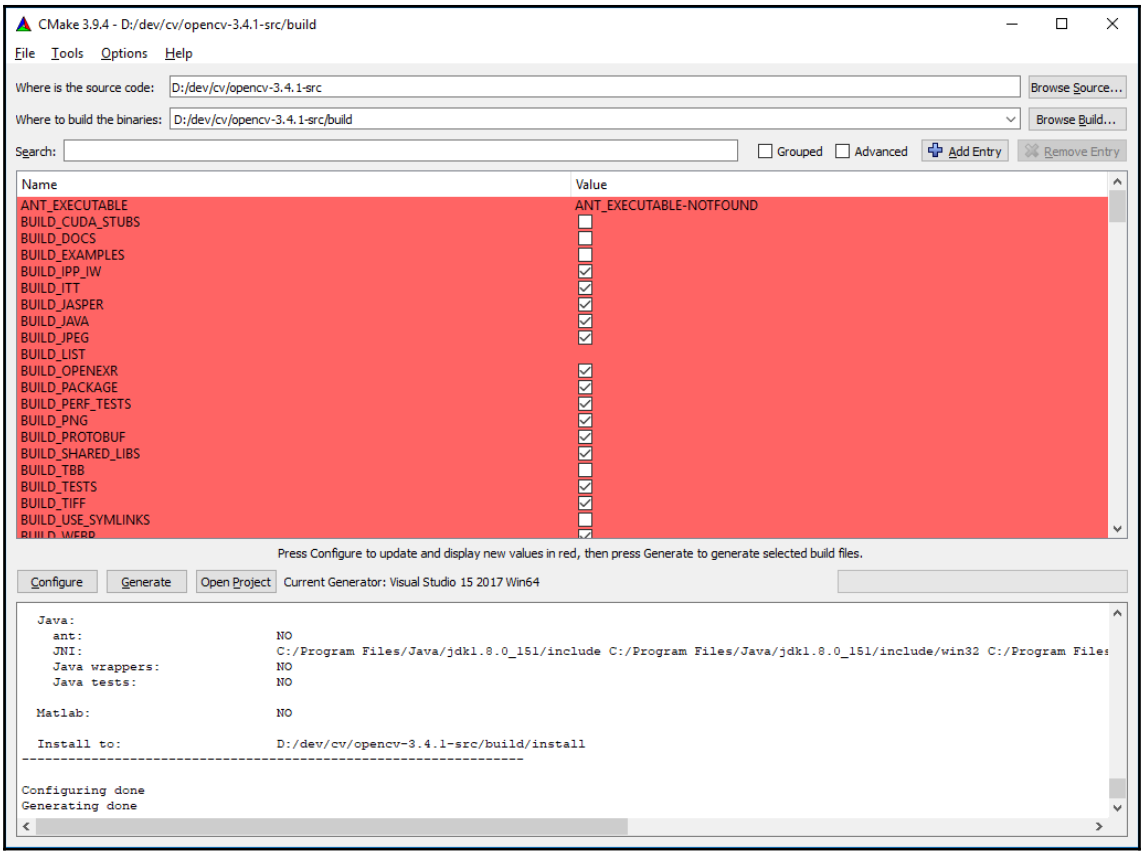






Chapter 2: Getting Started with OpenCV

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File Tools Options Help
Where is the source code: D:/dev/cv/opencv-3.4.1-src
Browse Source...
Where to build the binaries: D:/dev/cv/opencv-3.4.1-src/build
Browse Build...
Search:
Grouped
Advanced
Add Entry
Remove Entry
Name
Value
ANT_EXECUTABLE
ANT_EXECUTABLE-NOTFOUND
BUILD_CUDA_STUBS
BUILD_DOCS
BUILD_EXAMPLES
BUILD_IPP_IW
BUILD_ITT
BUILD_JASPER
BUILD_JAVA
BUILD_JPEG
BUILD_LIST
BUILD_OPENEXR
BUILD_PACKAGE
BUILD_PERF_TESTS
BUILD_PNG
BUILD_PROTOBUF
BUILD_SHARED_LIBS
BUILD_TBB
BUILD_TESTS
BUILD_TIFF
BUILD_USE_SYMLINKS
Press Configure to update and display new values in red, then press Generate to generate selected build files.
Configure
Generate
Open Project
Current Generator: Visual Studio 15 2017 Win64
Java:
ant: NO
JNI: C:/Program Files/Java/jdk1.8.0_151/include C:/Program Files/Java/jdk1.8.0_151/include/win32 C:/Program Files
Java wrappers: NO
Java tests: NO
Matlab: NO
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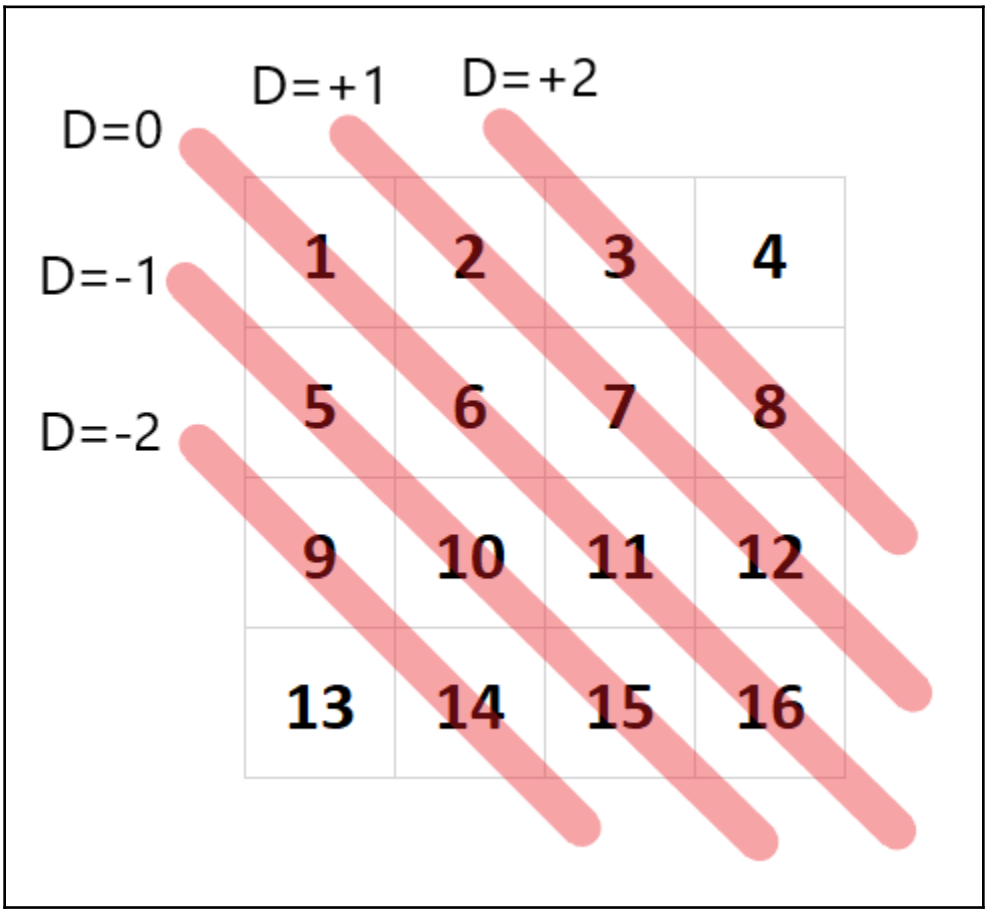
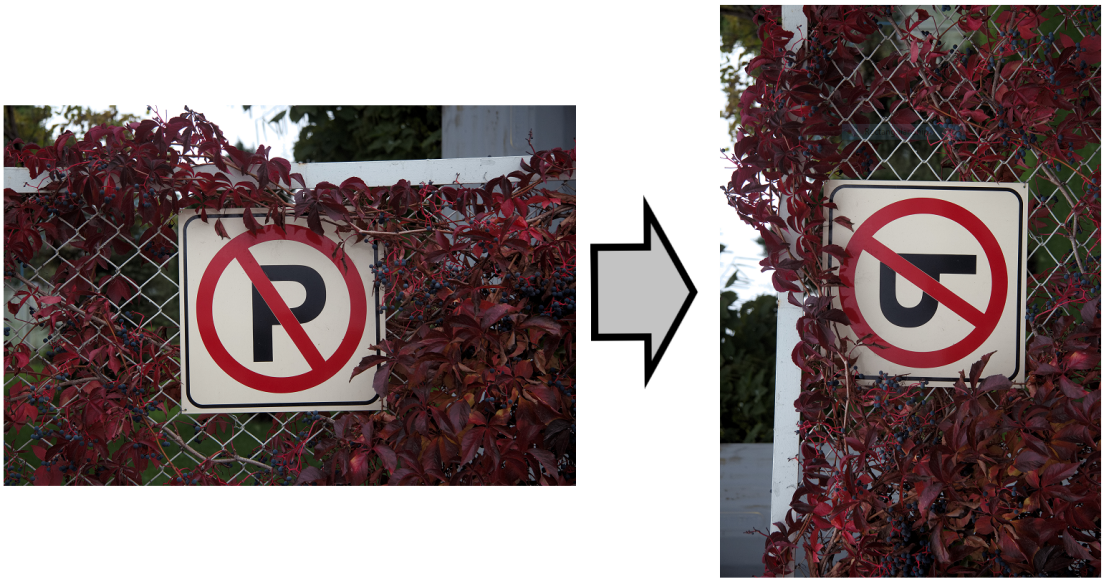
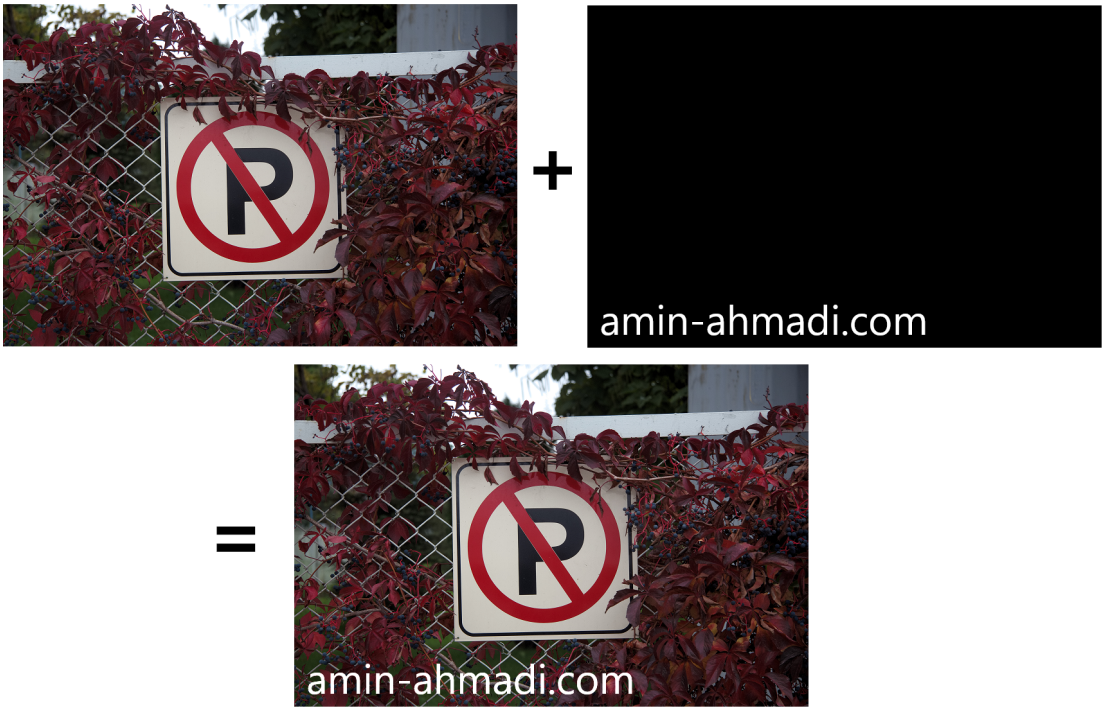
Configuring done
Generating done

Chapter 3: Array and Matrix Operations






amin-ahmadi.com
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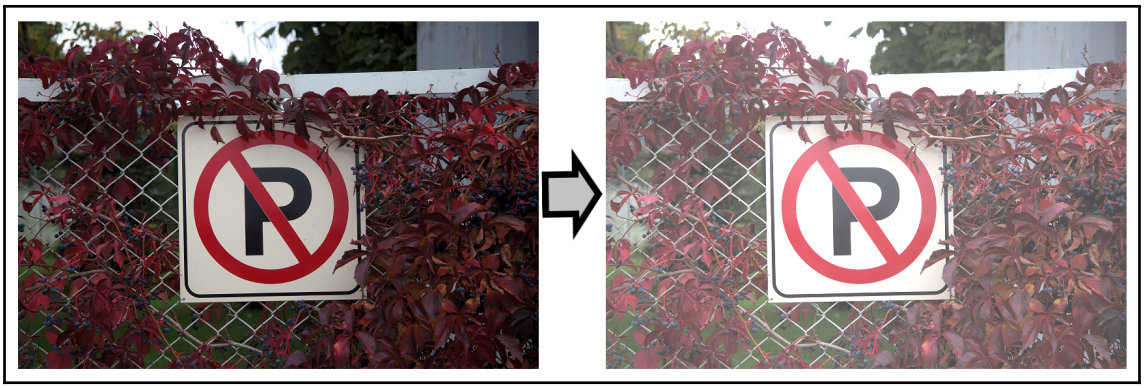

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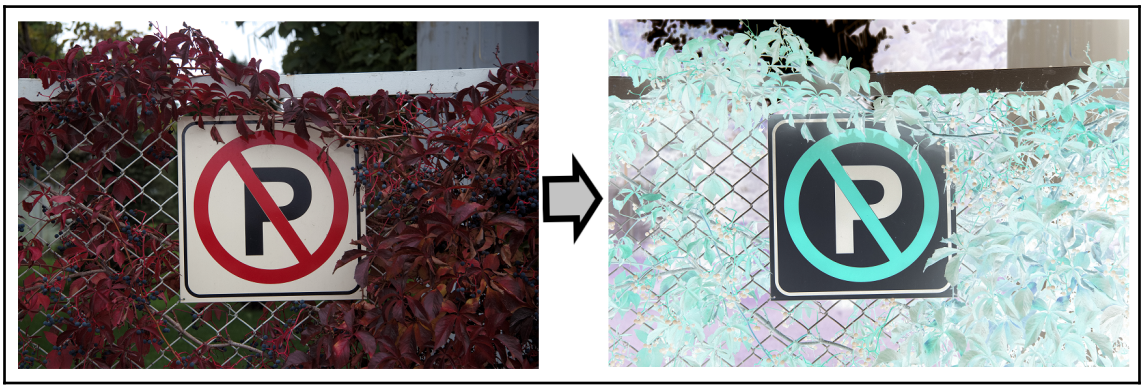

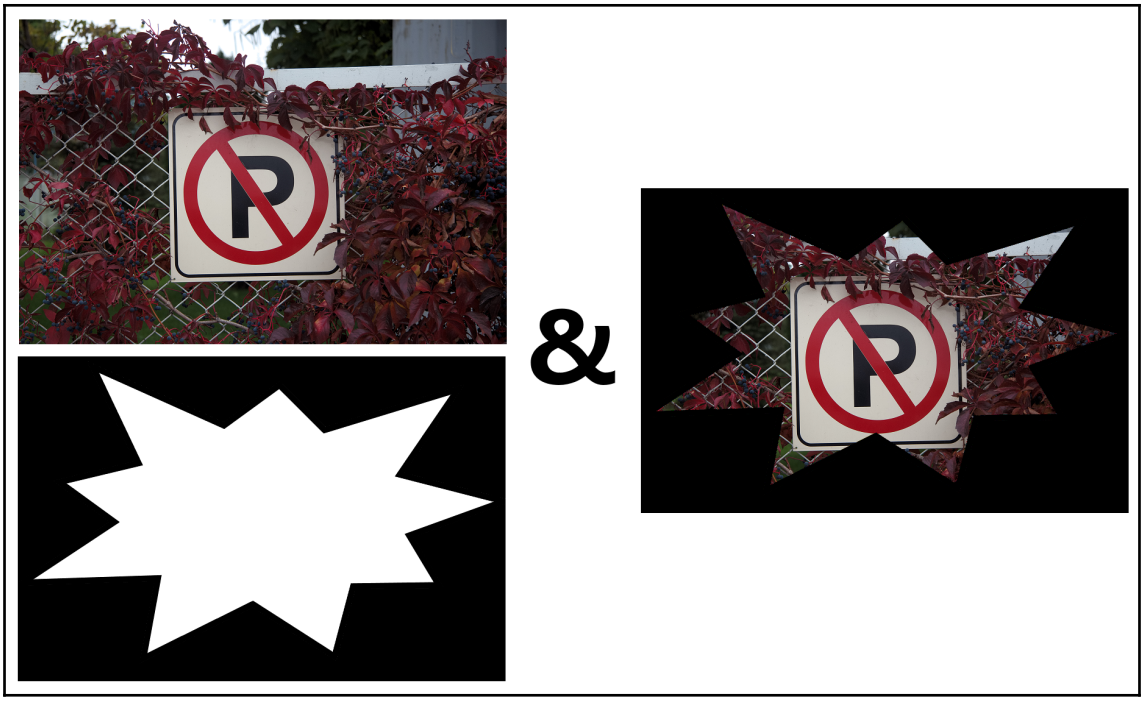

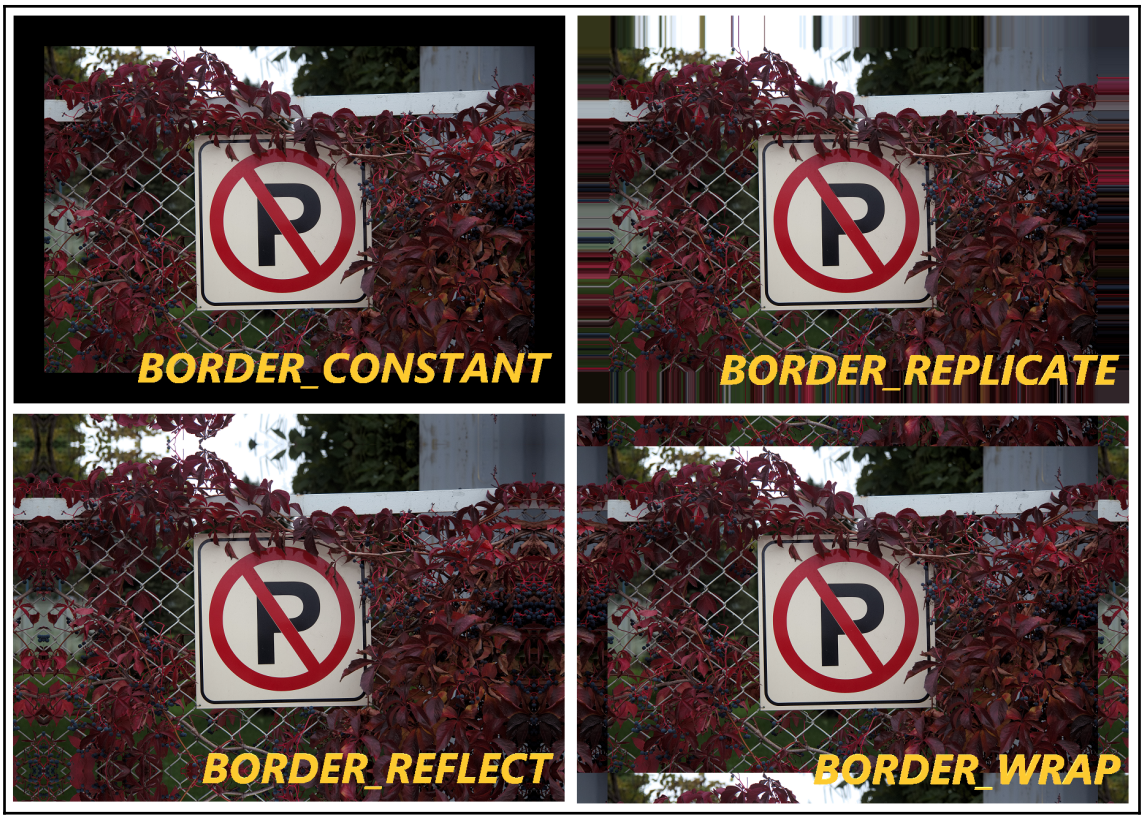
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BORDER_REFLECT
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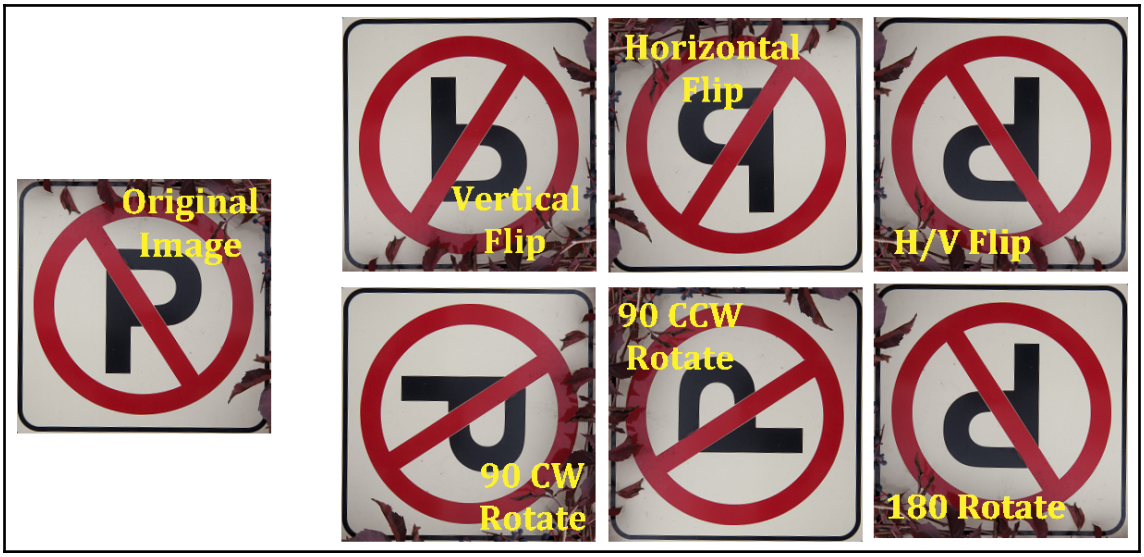
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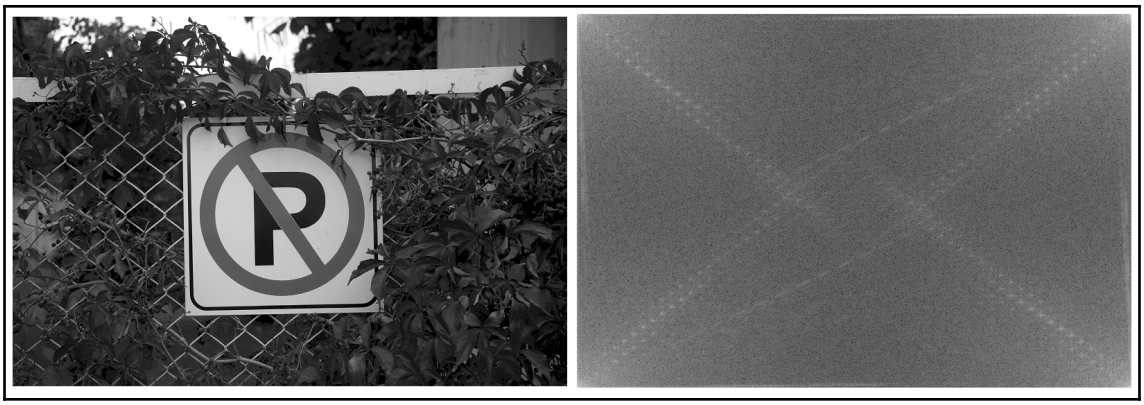
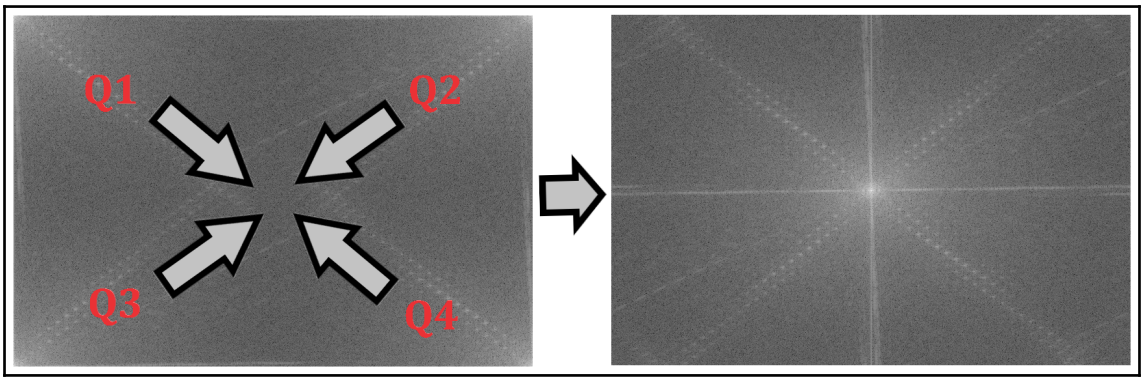
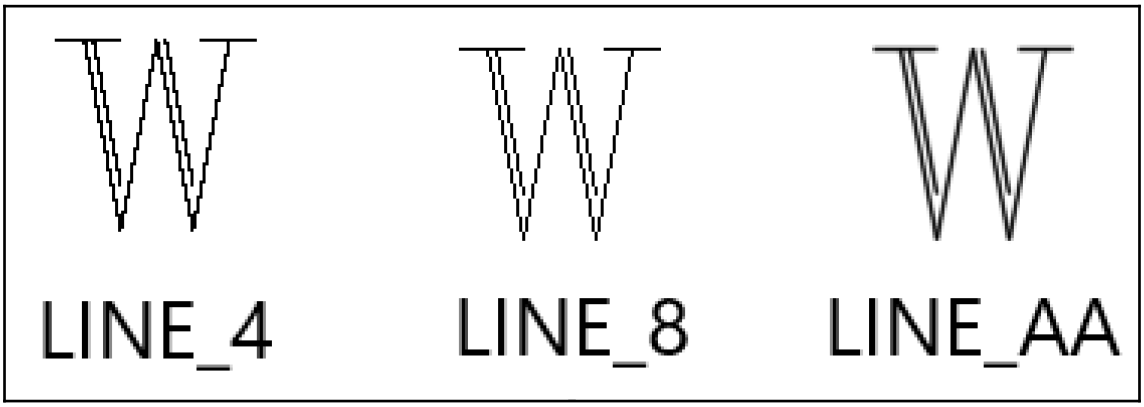



Q1
Q2
Q3
Q4

Chapter 4: Drawing, Filtering, and Transformation



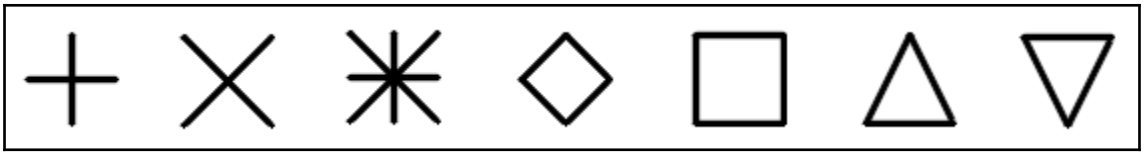


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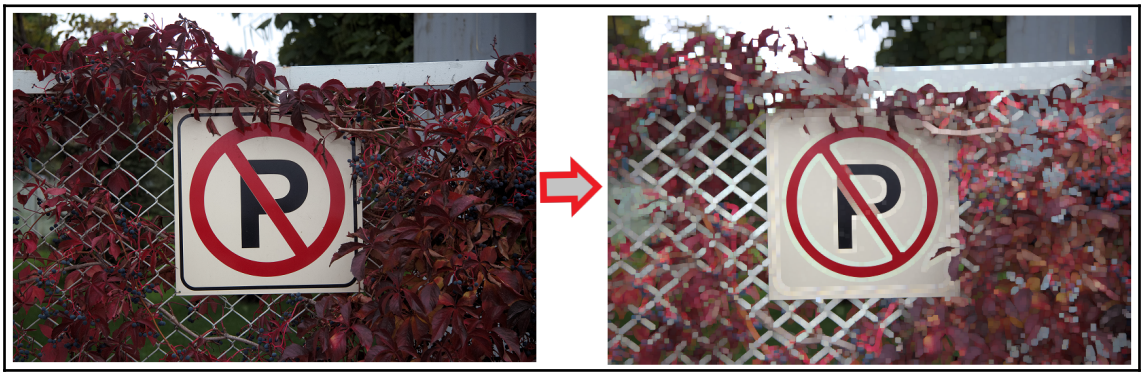
Image
Radius: 200

K1
K3
K5
K7



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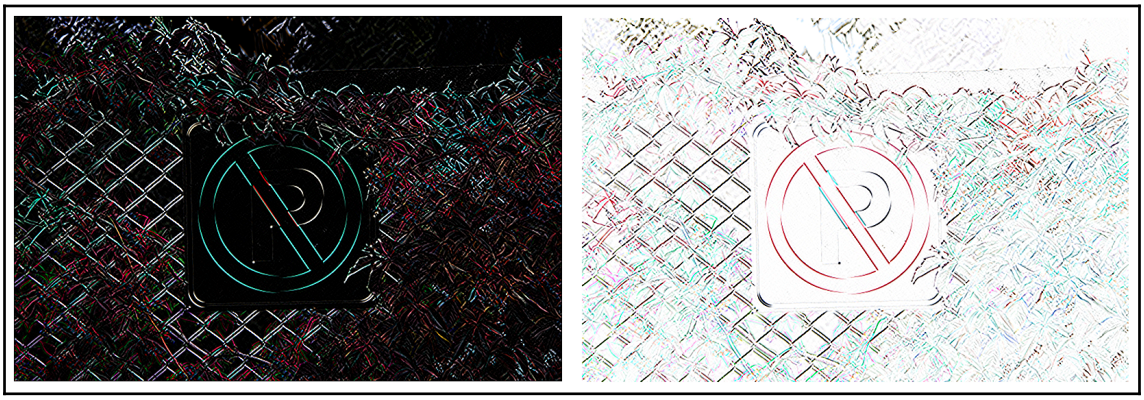
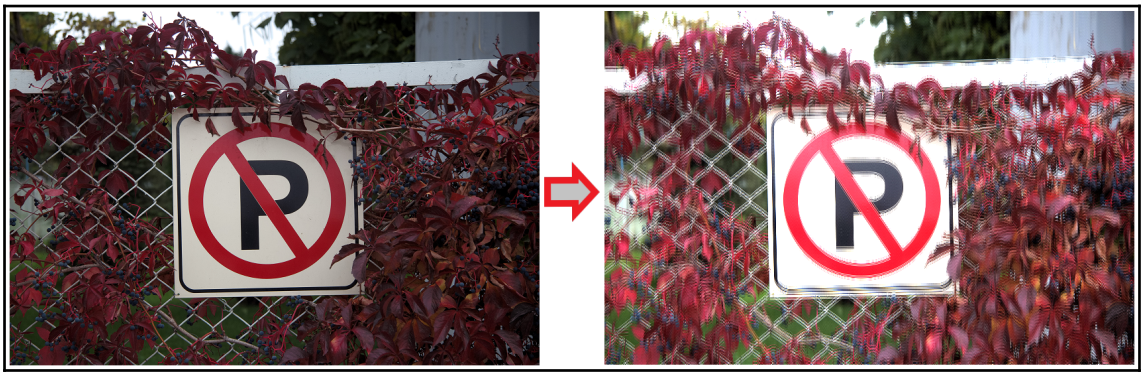
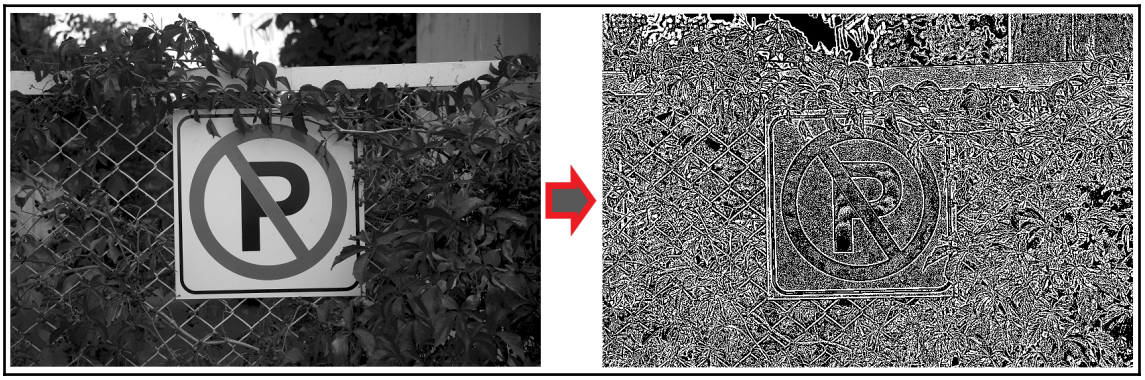
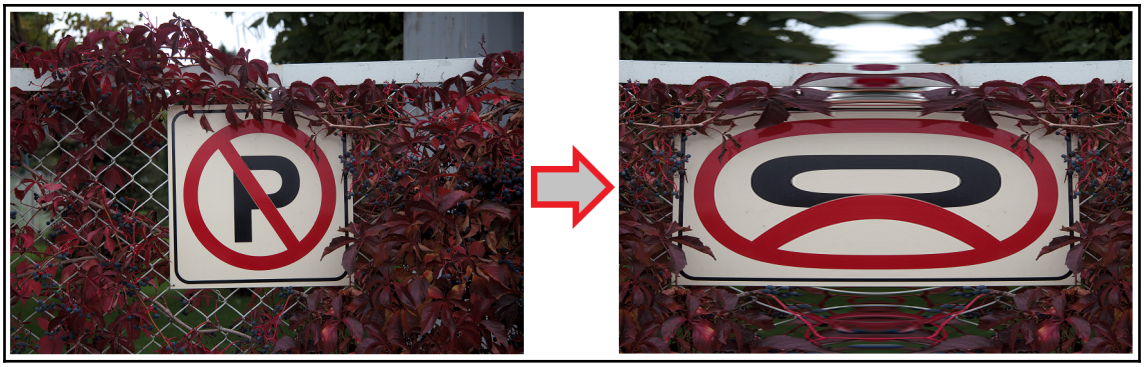
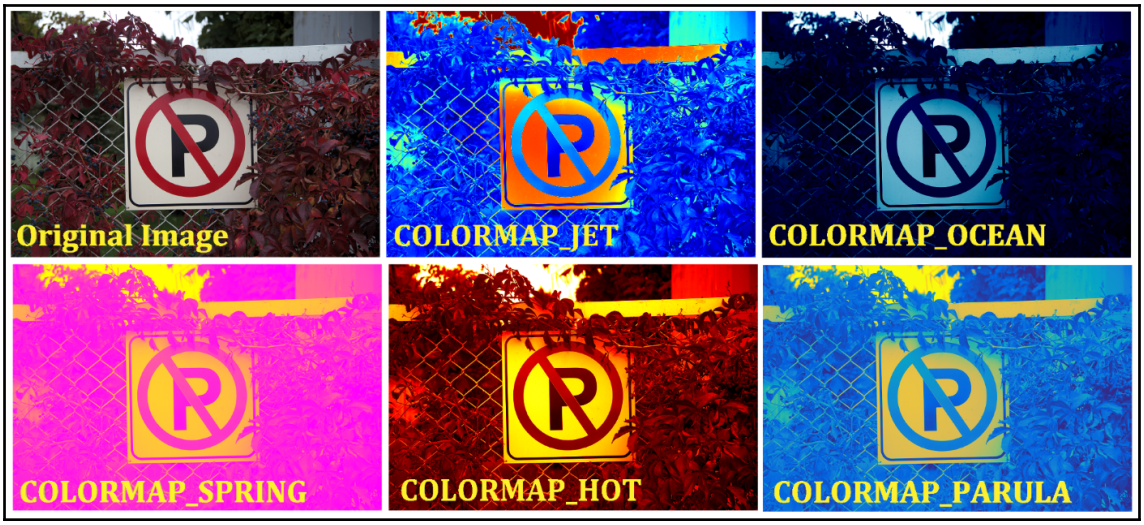
Closing







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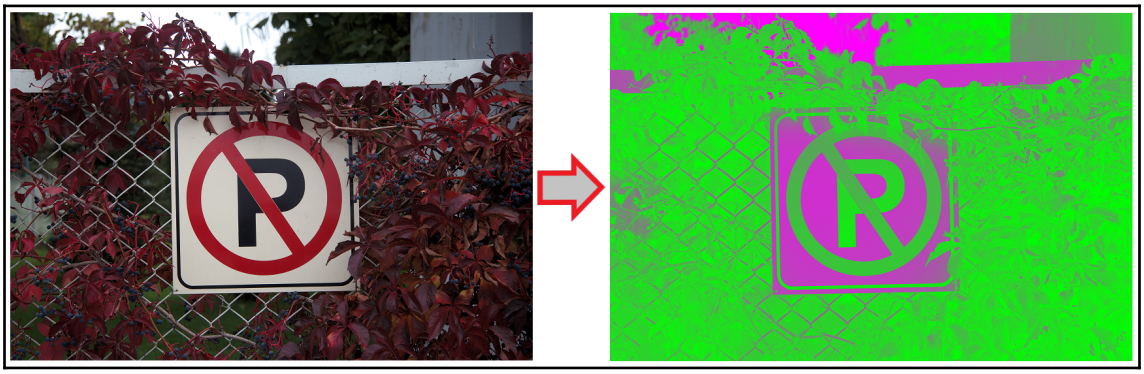
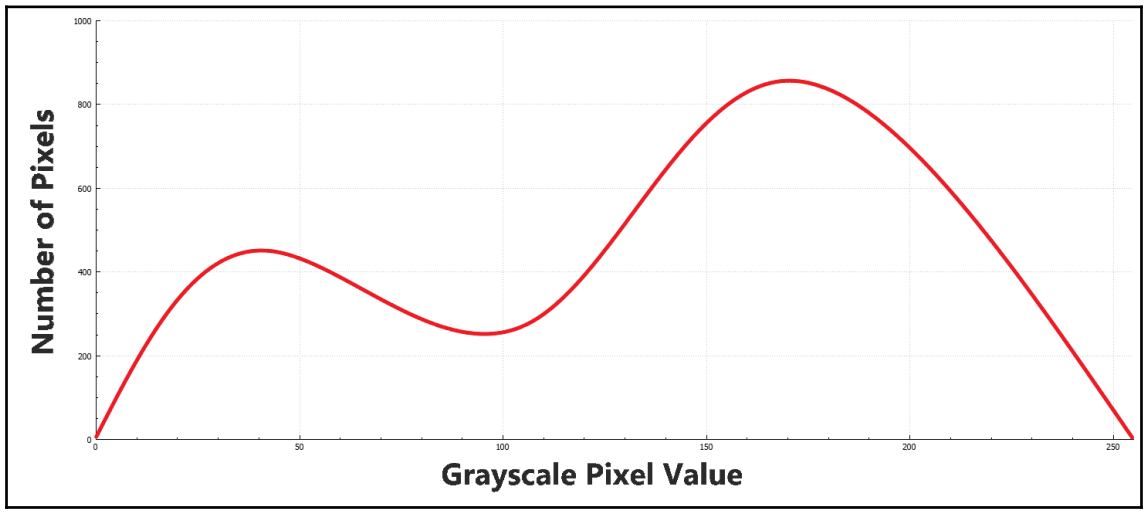
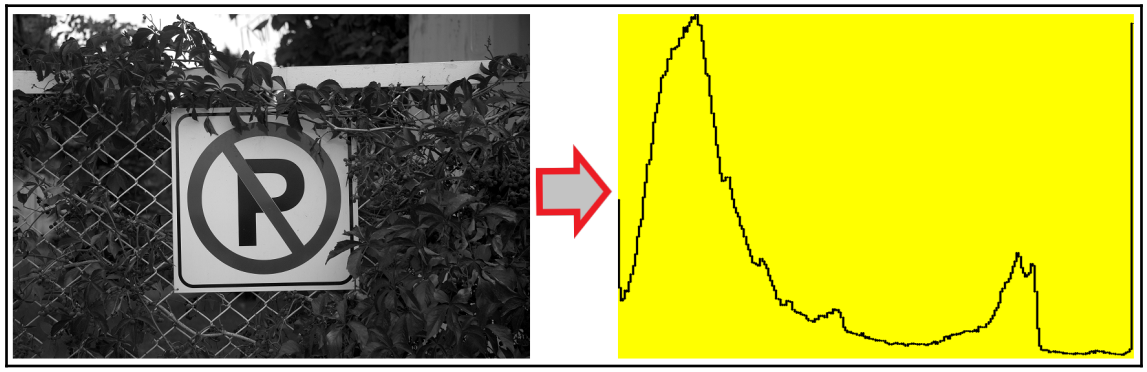
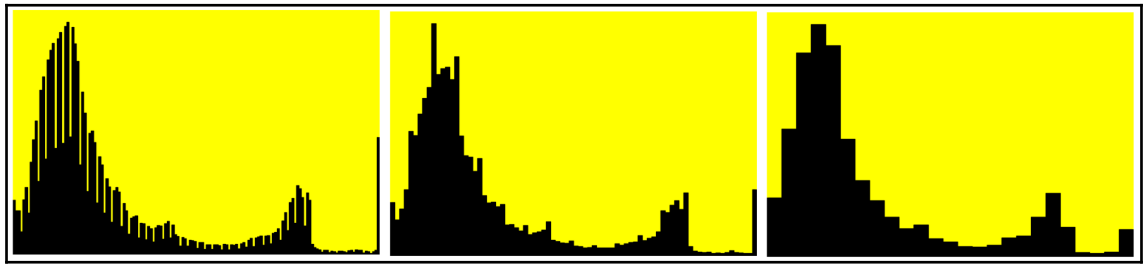
COLORMAP_OCEAN
COLORMAP_SPRING
COLORMAP_HOT
COLORMAP_PARULA

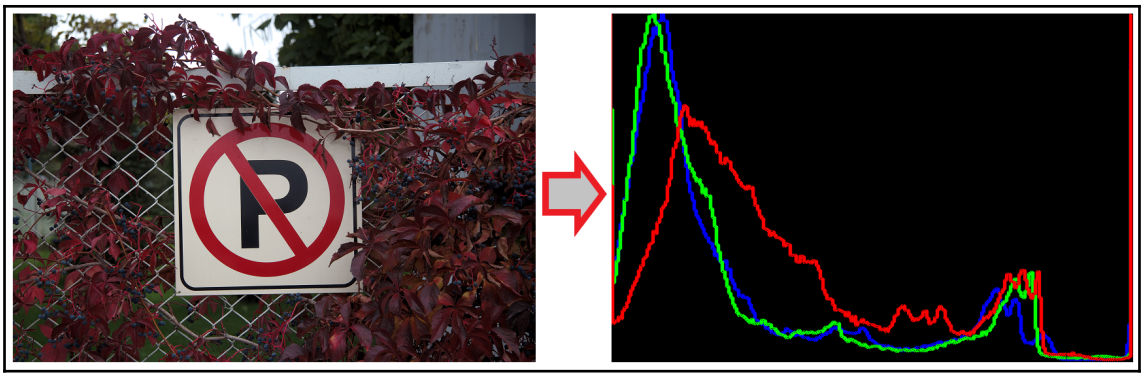


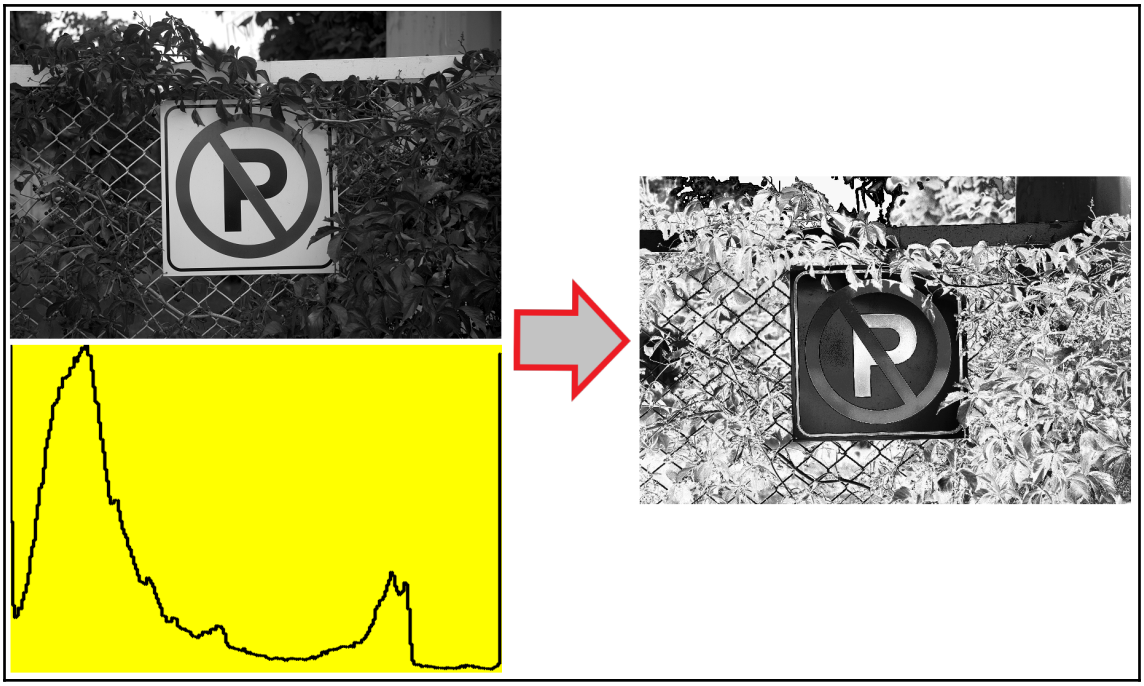
Chapter 5: Back-Projection and Histograms

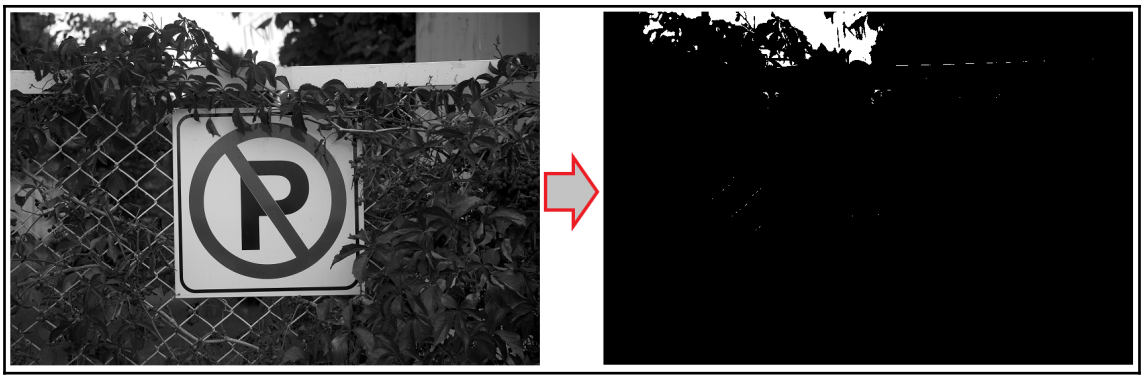


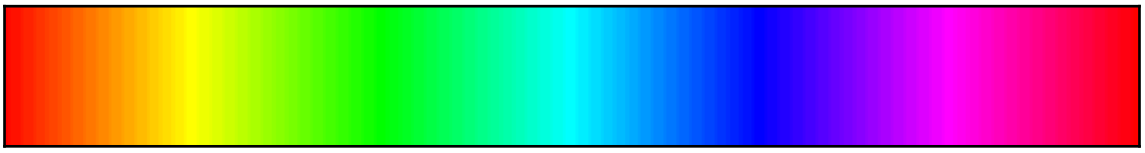


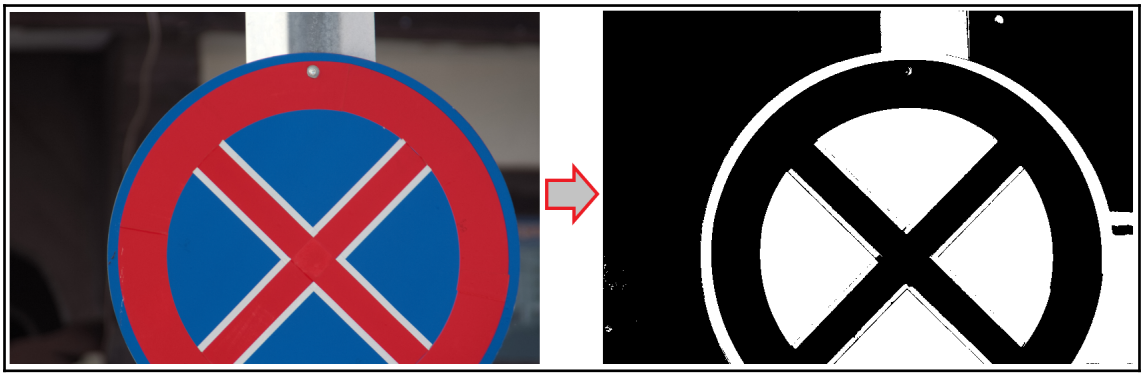












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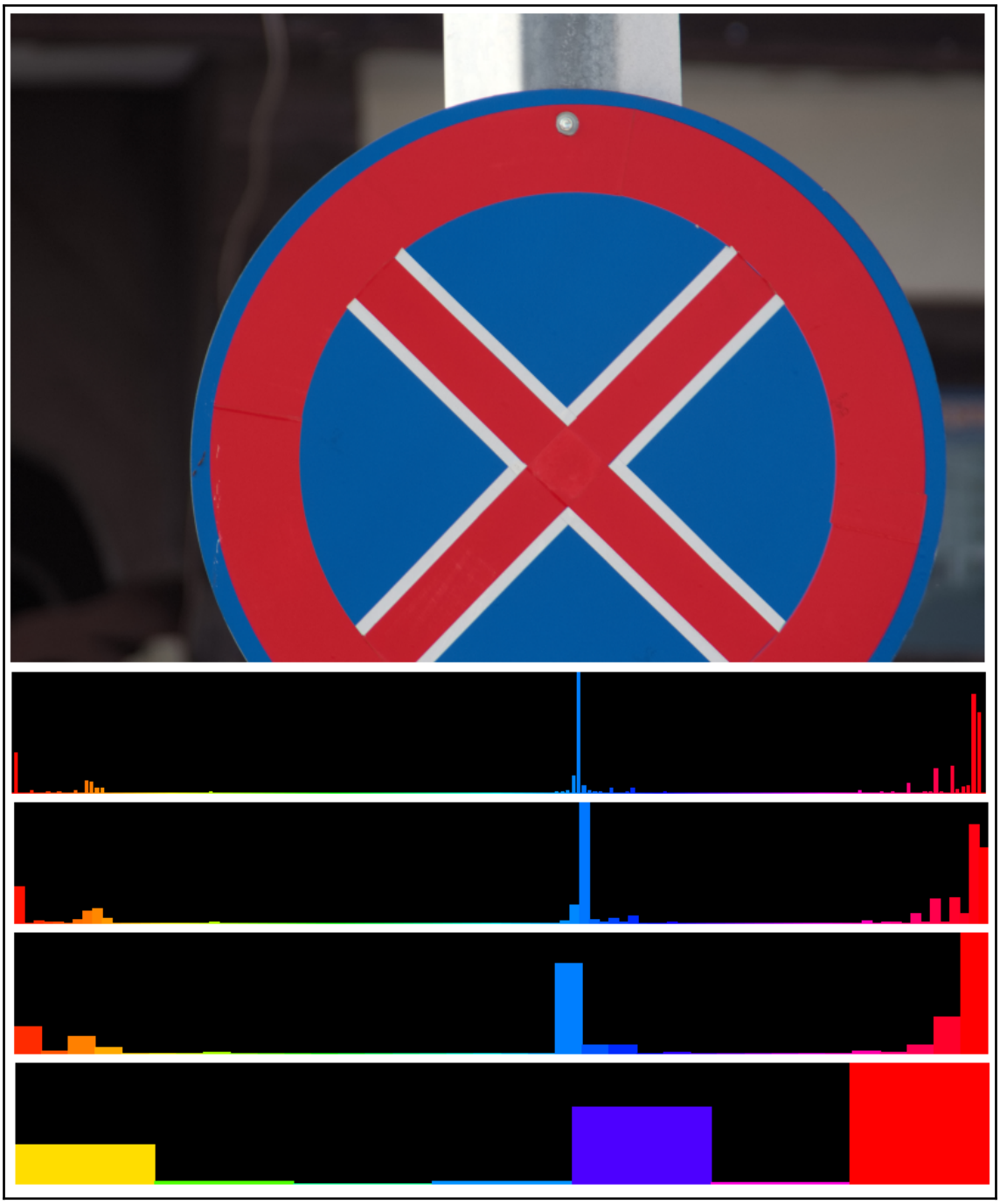
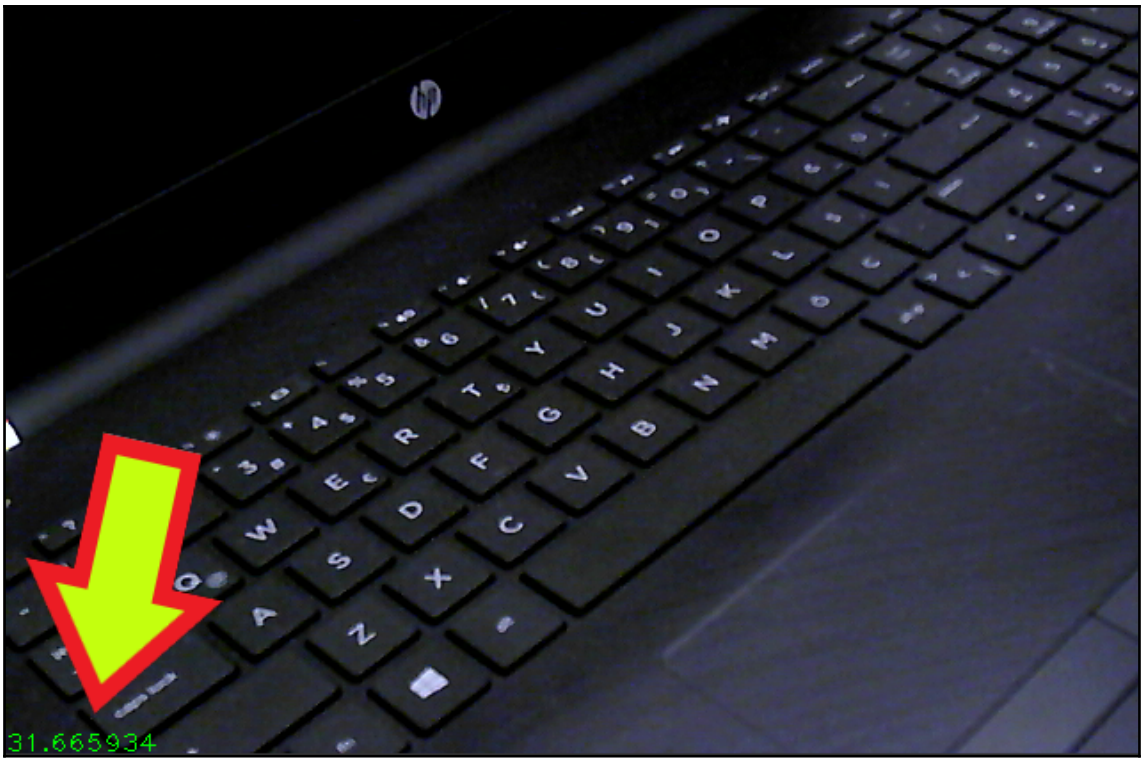
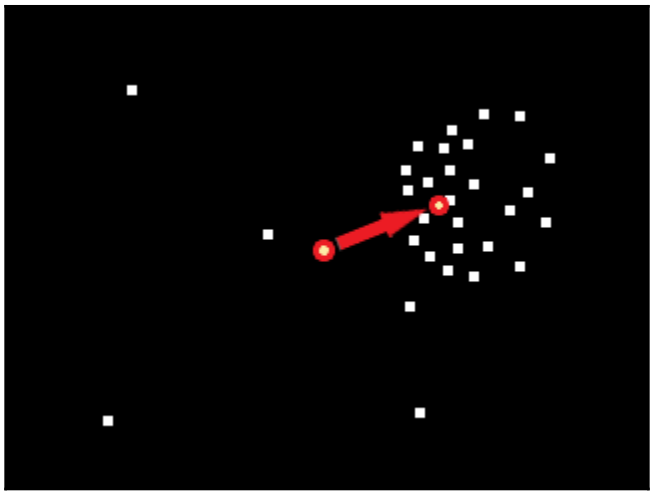
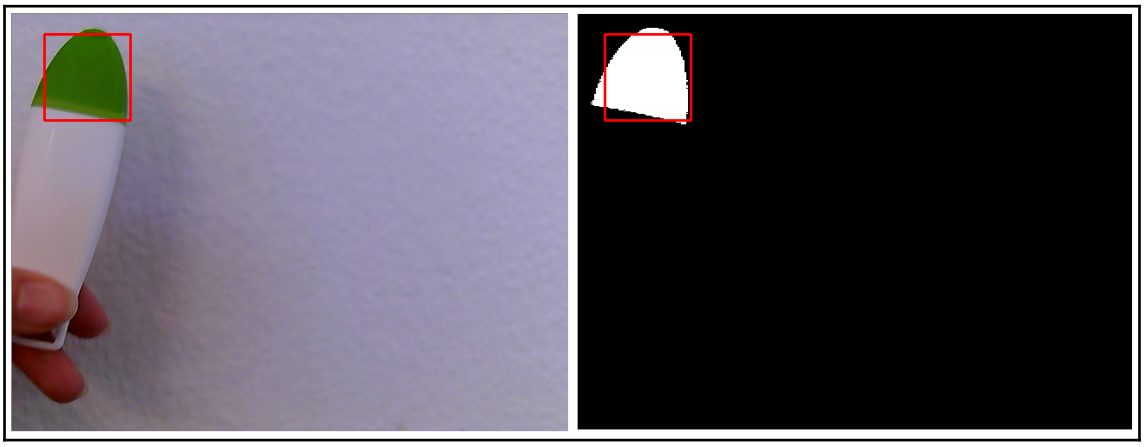
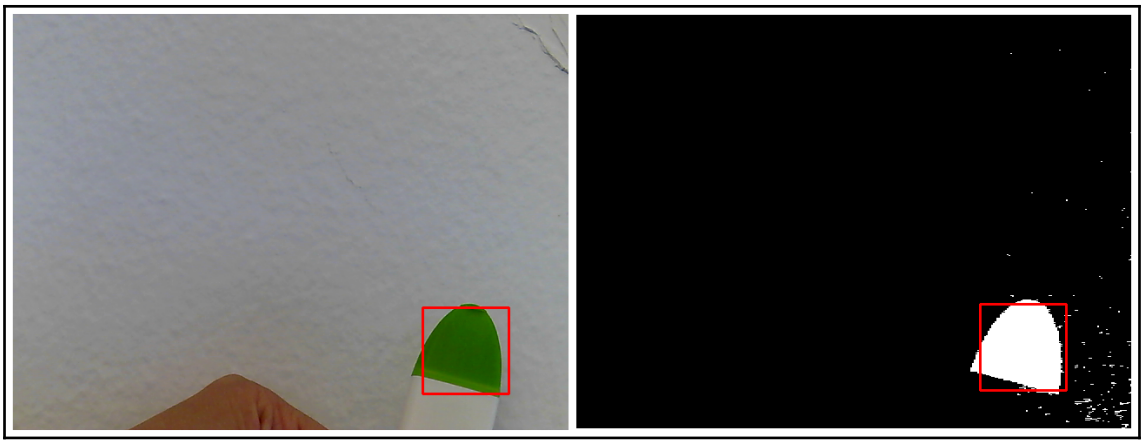


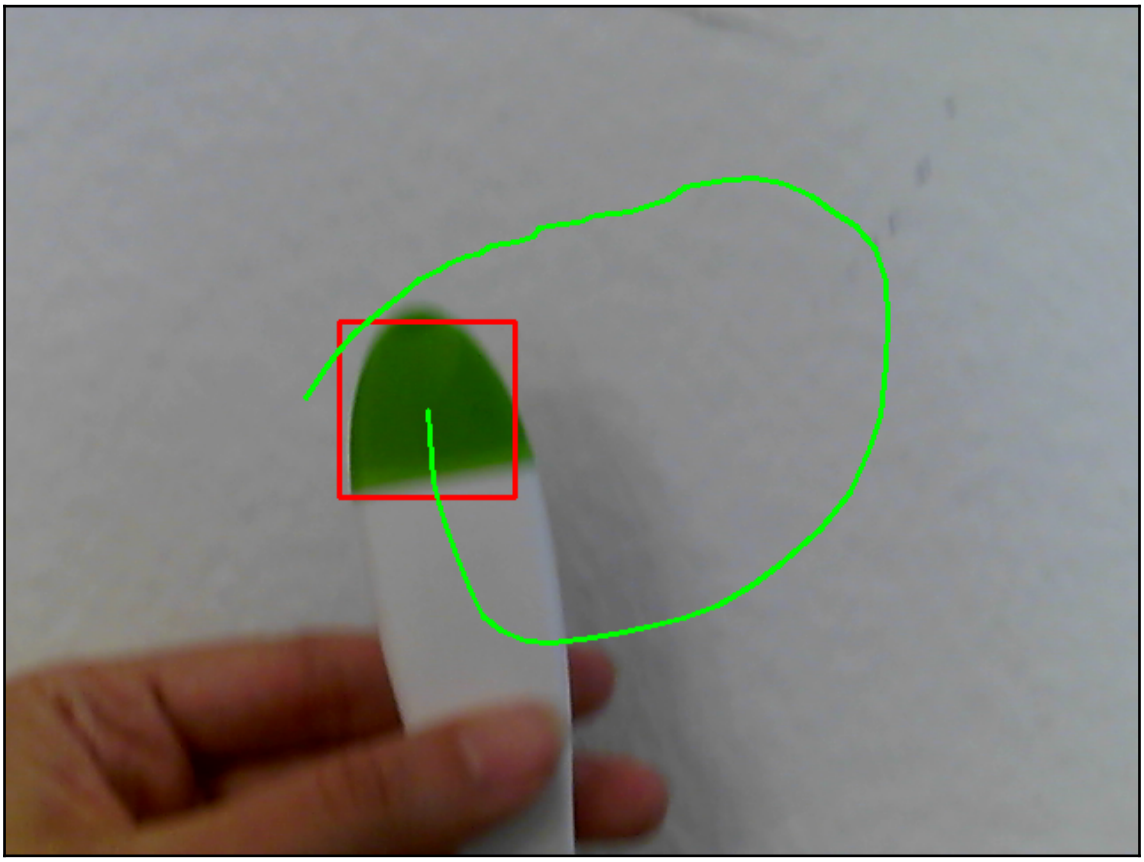
Chapter 6: Video Analysis – Motion Detection and Tracking

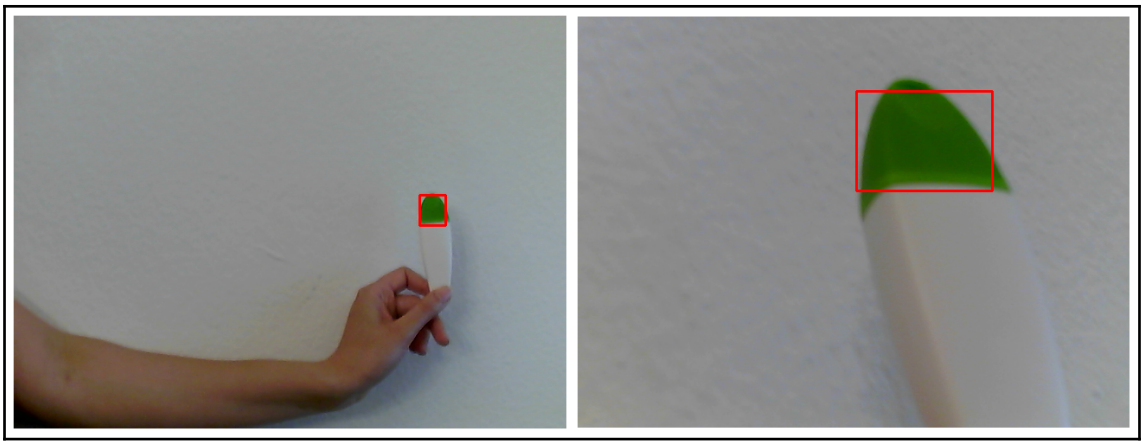


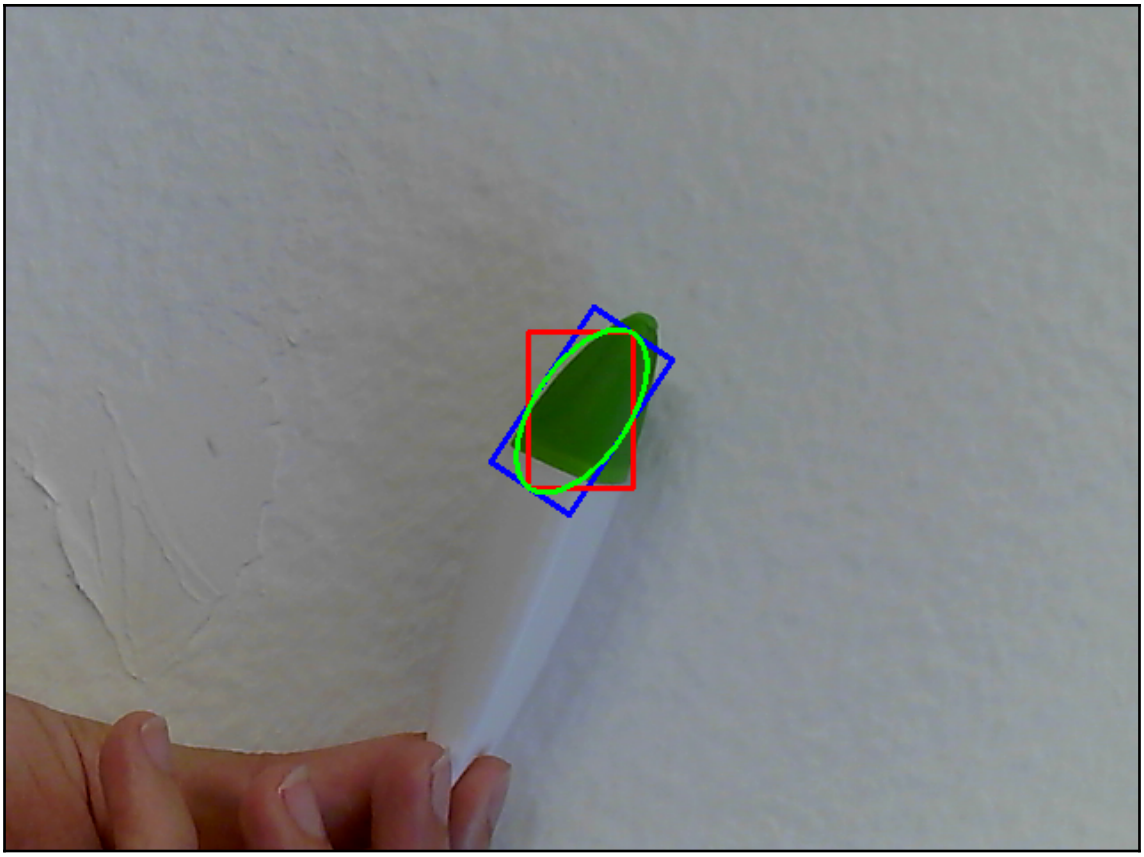


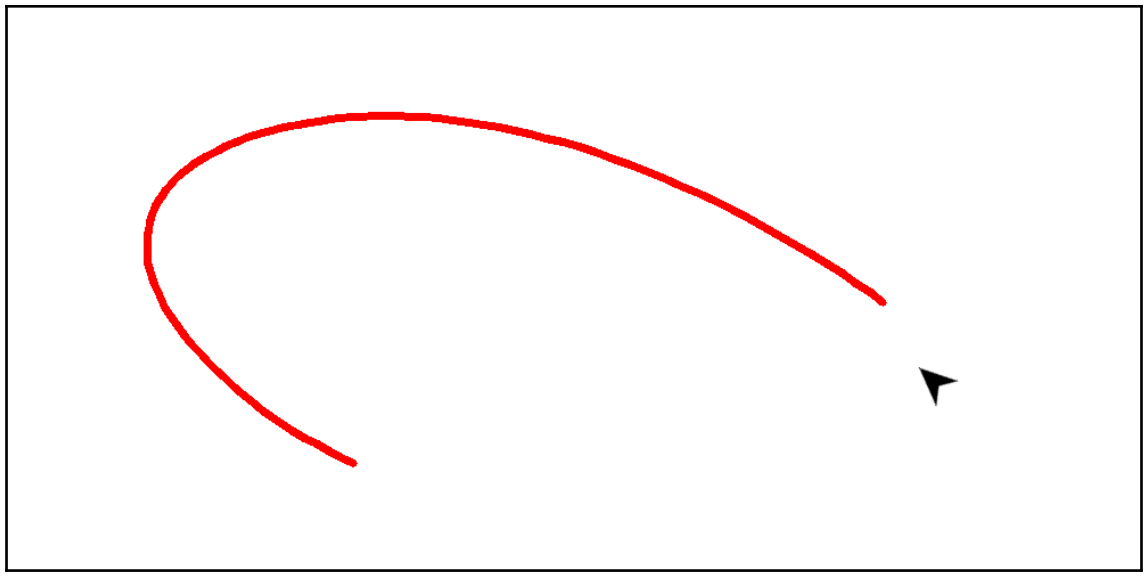


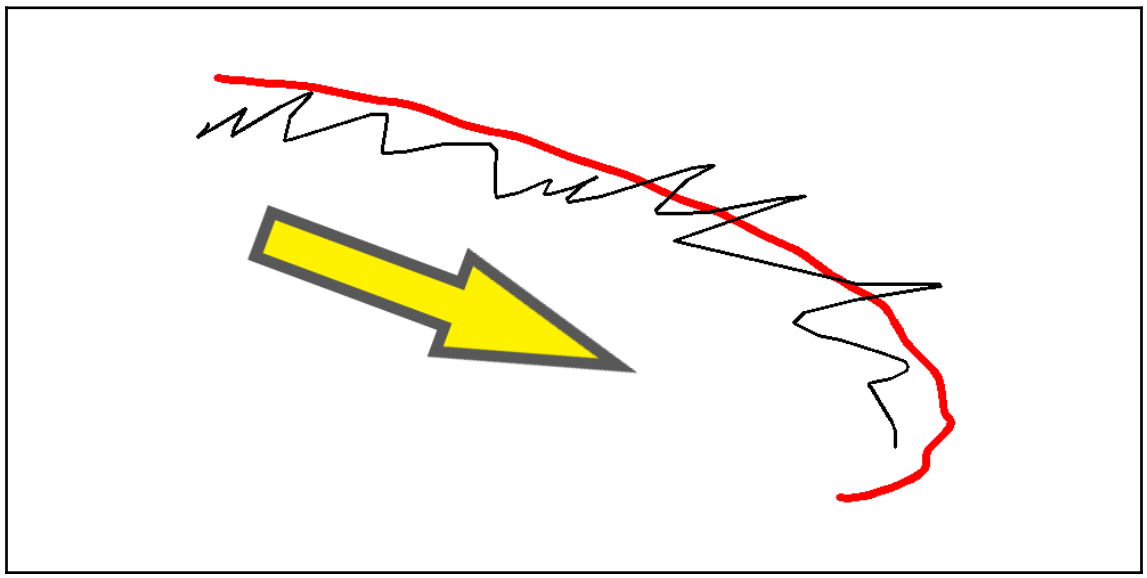


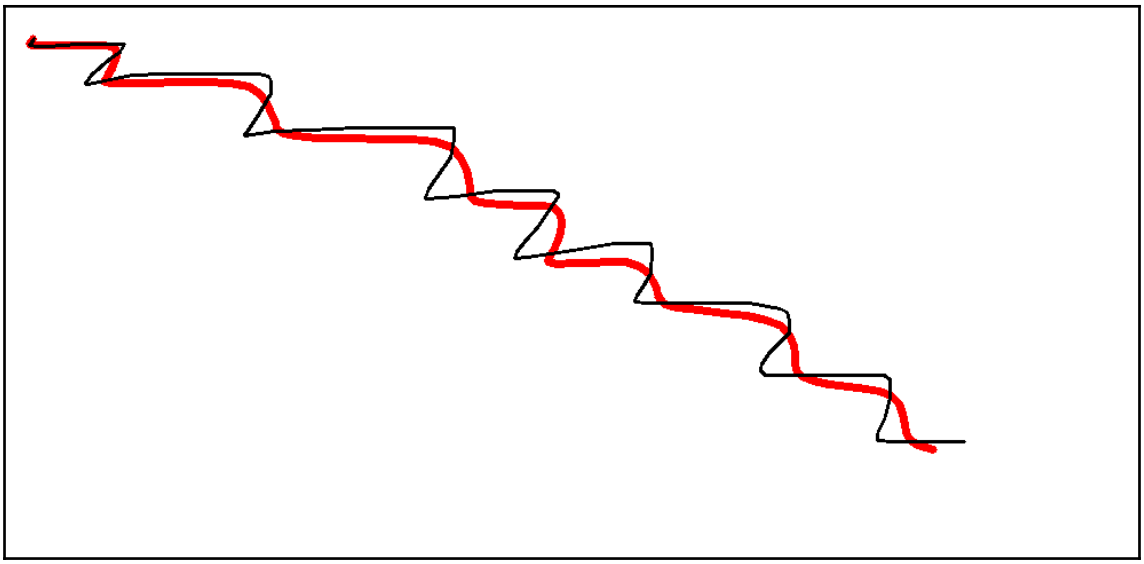


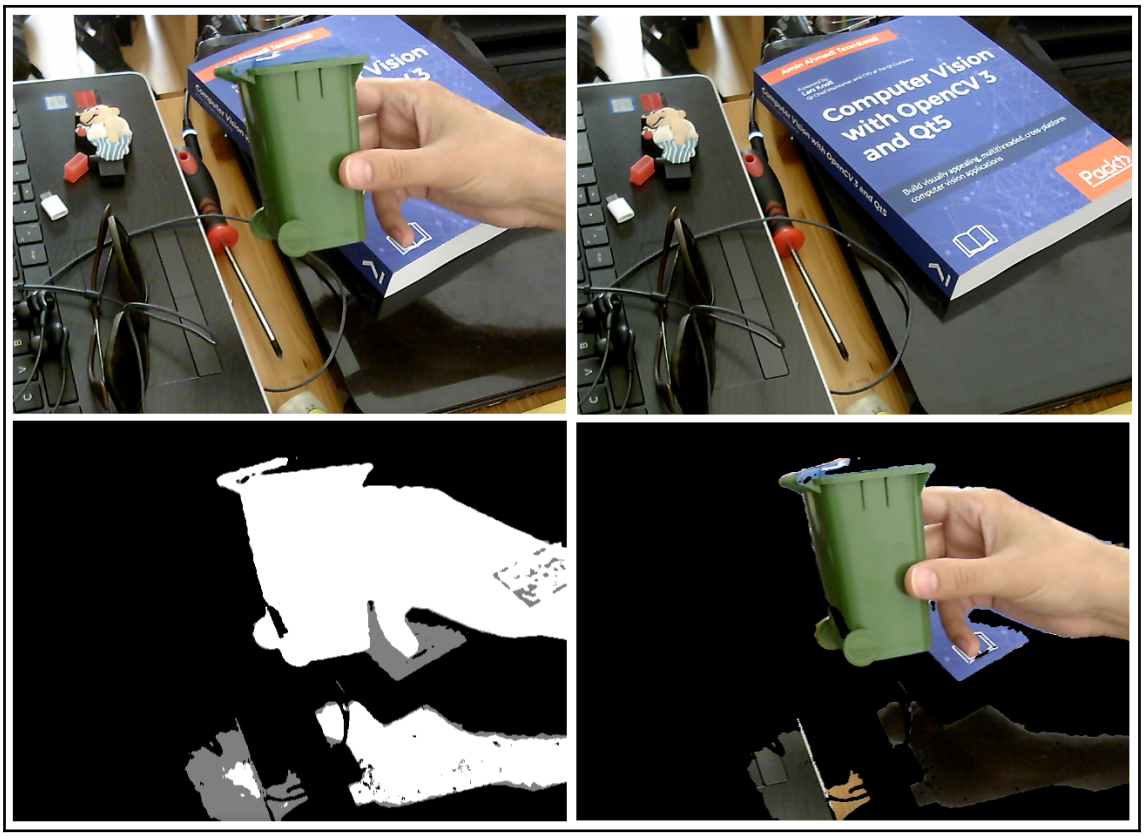




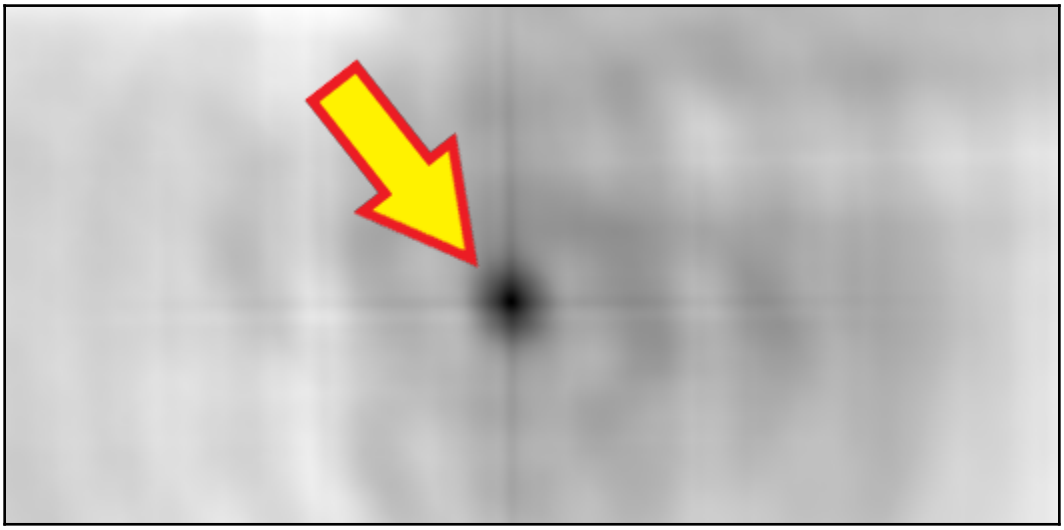







Computer Vision
with OpenCV 3
and Qt5
Packt

Chapter 7: Object Detection – Features and Descriptors



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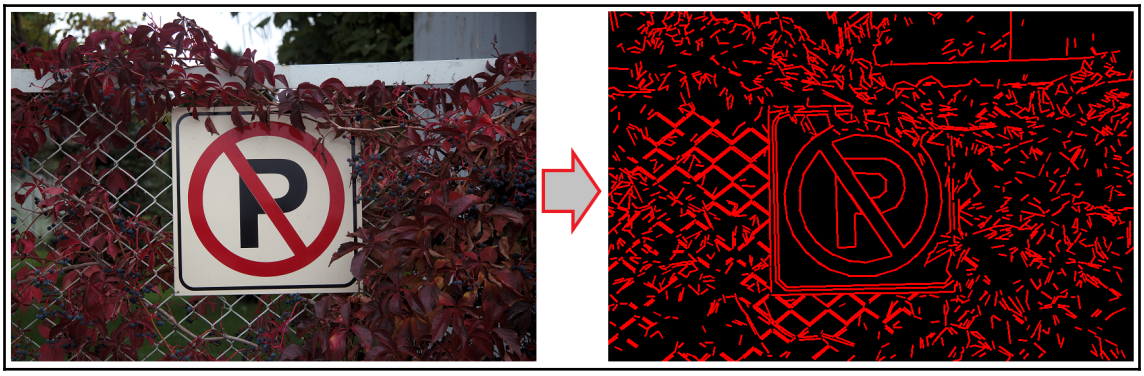
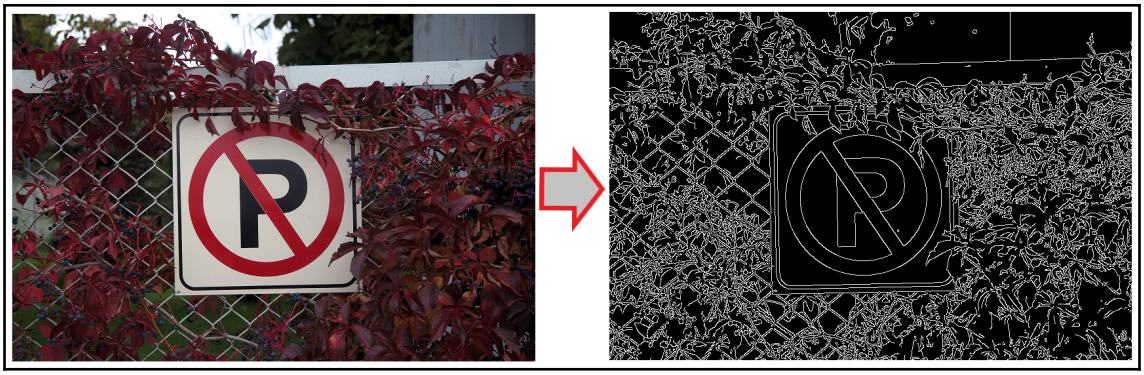
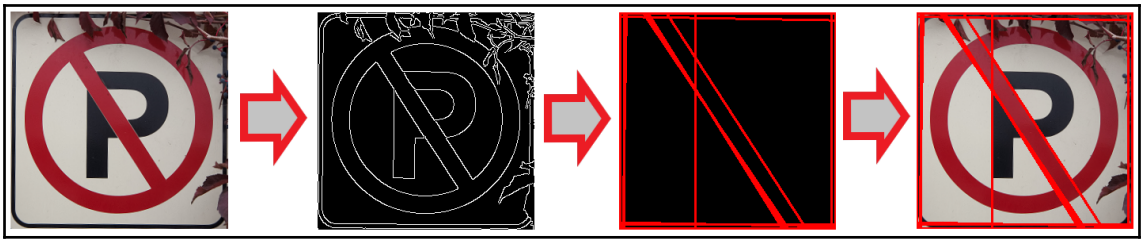
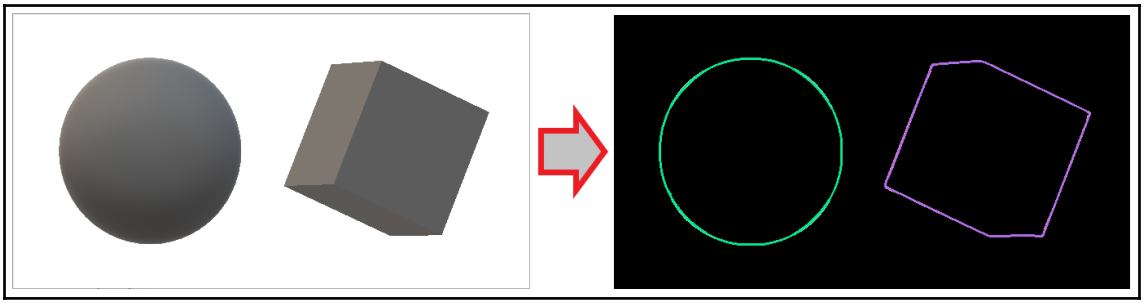
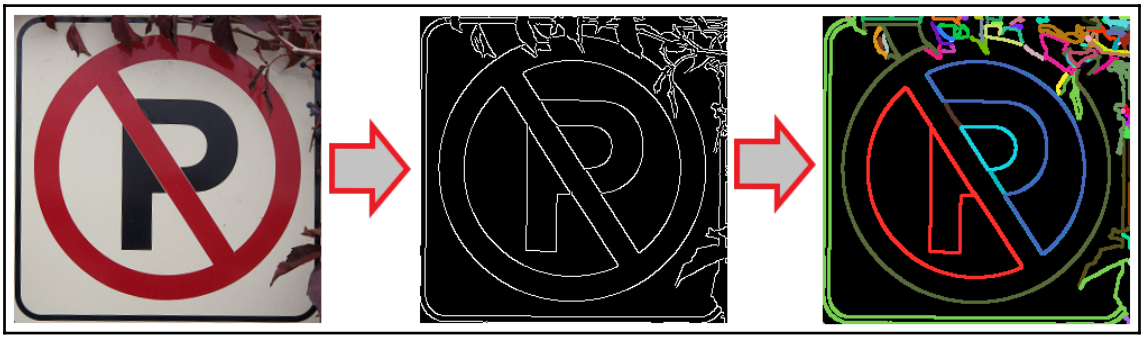
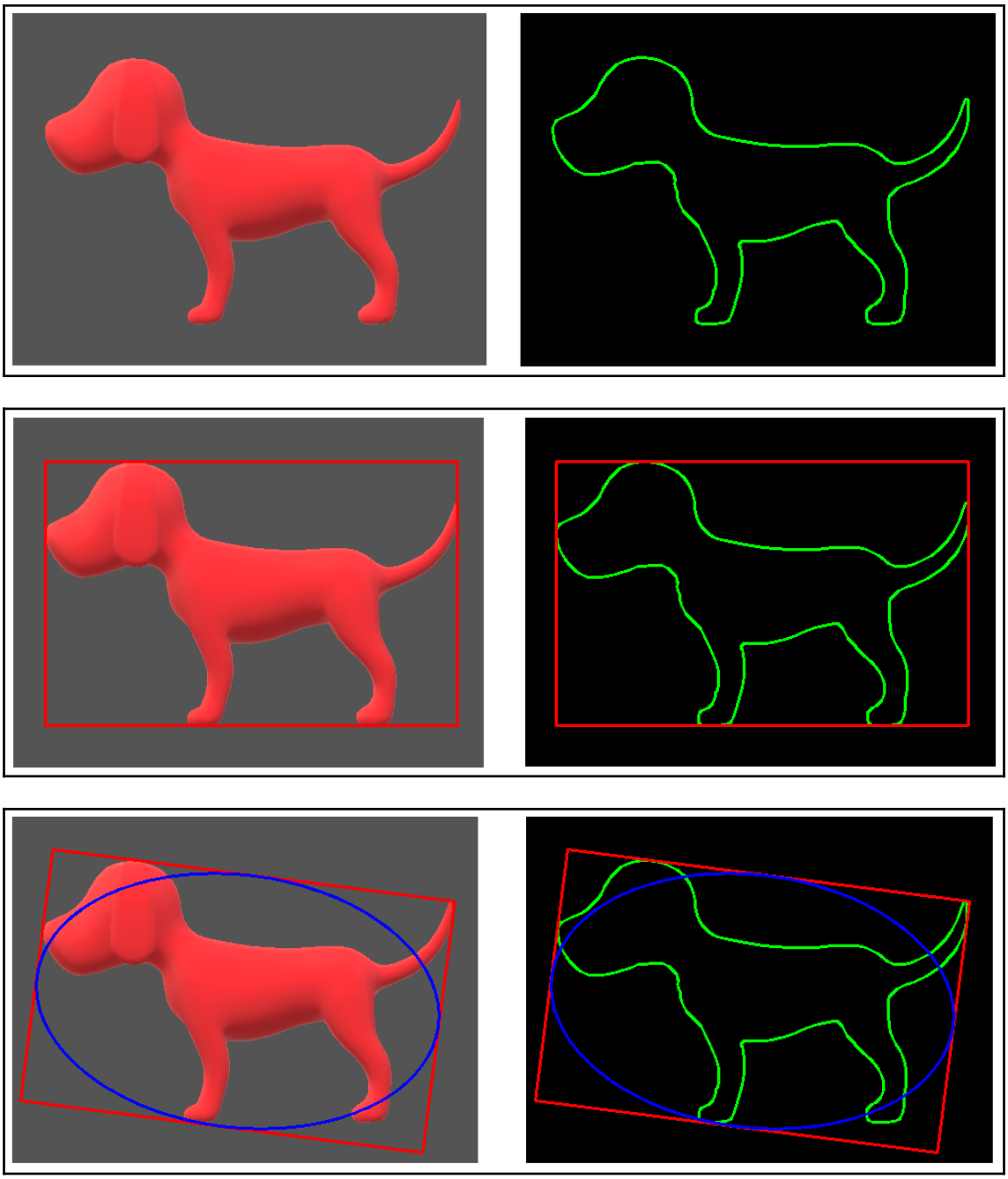


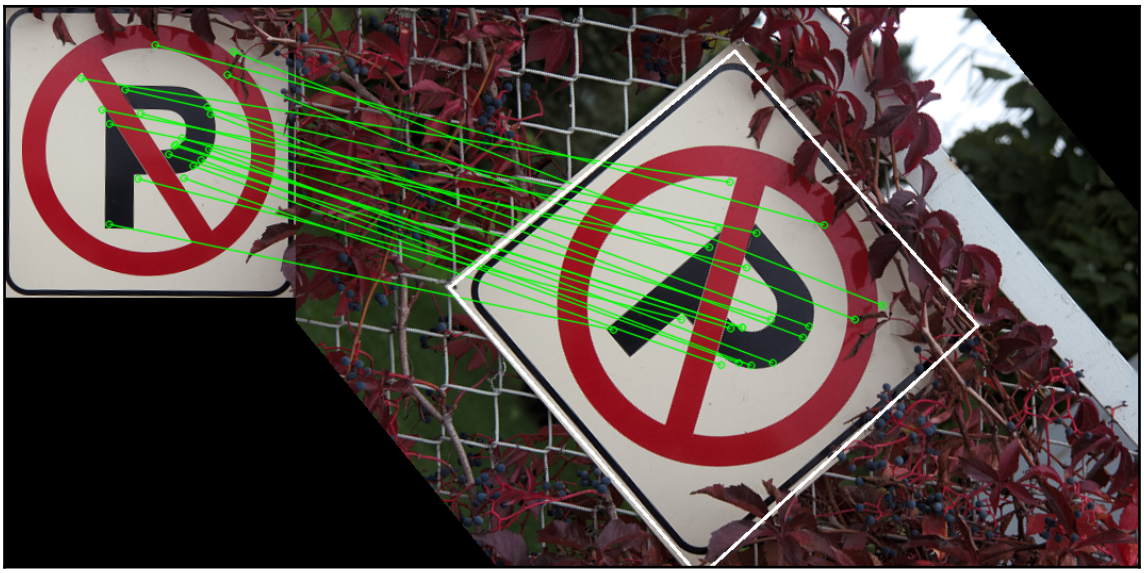




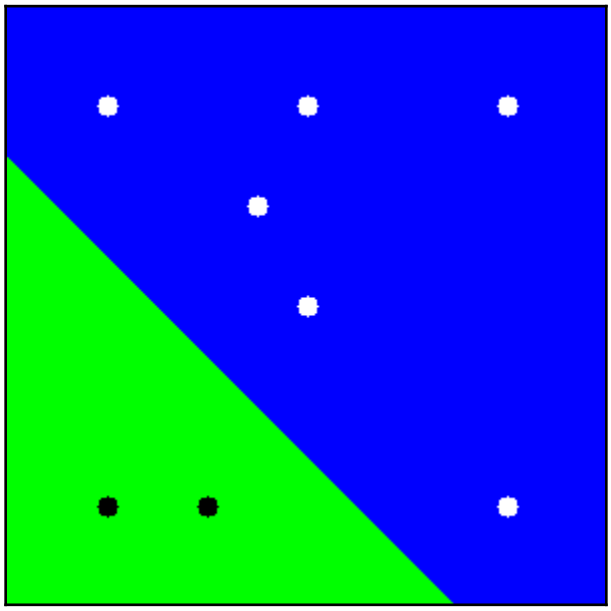


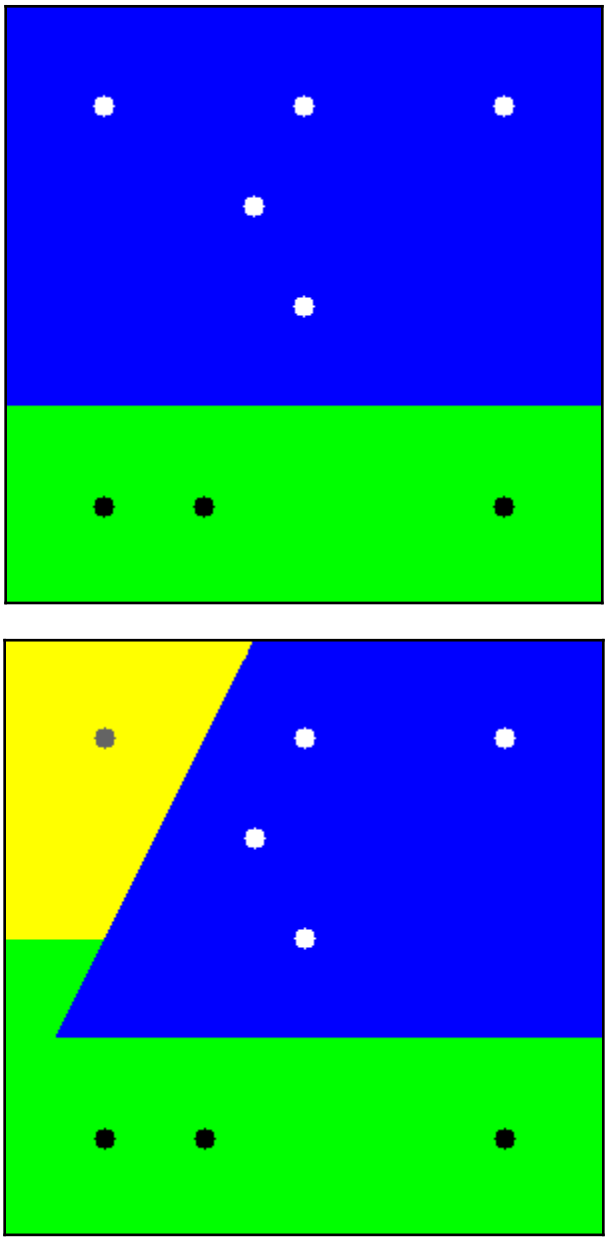




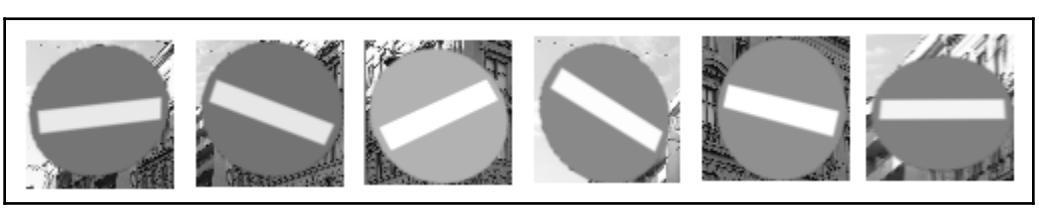


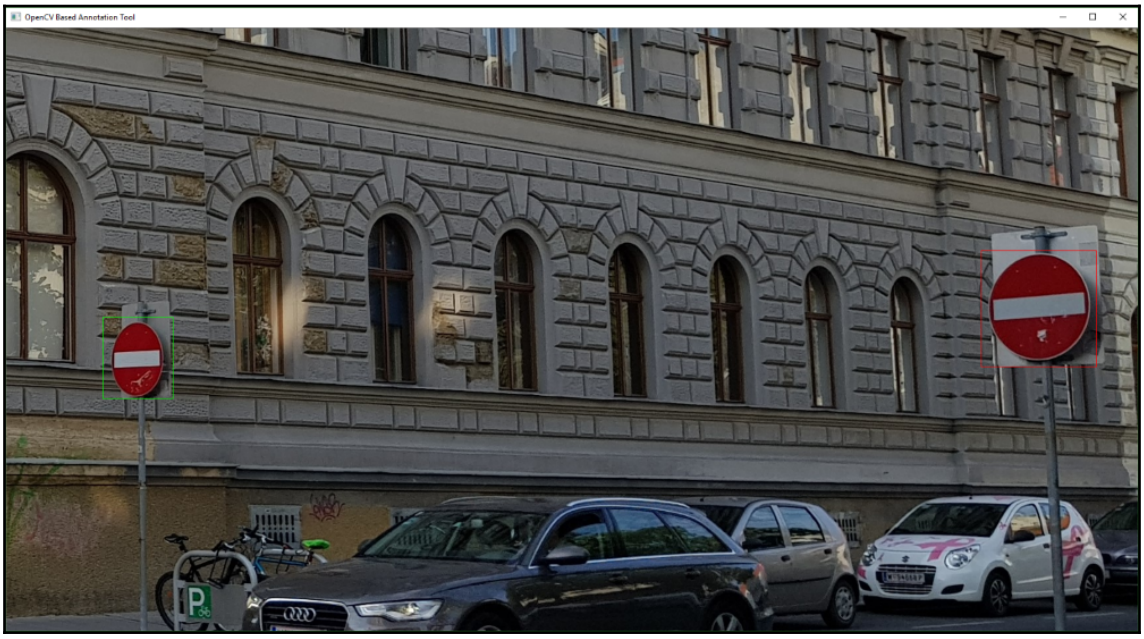
Chapter 8: Machine Learning in Computer Vision

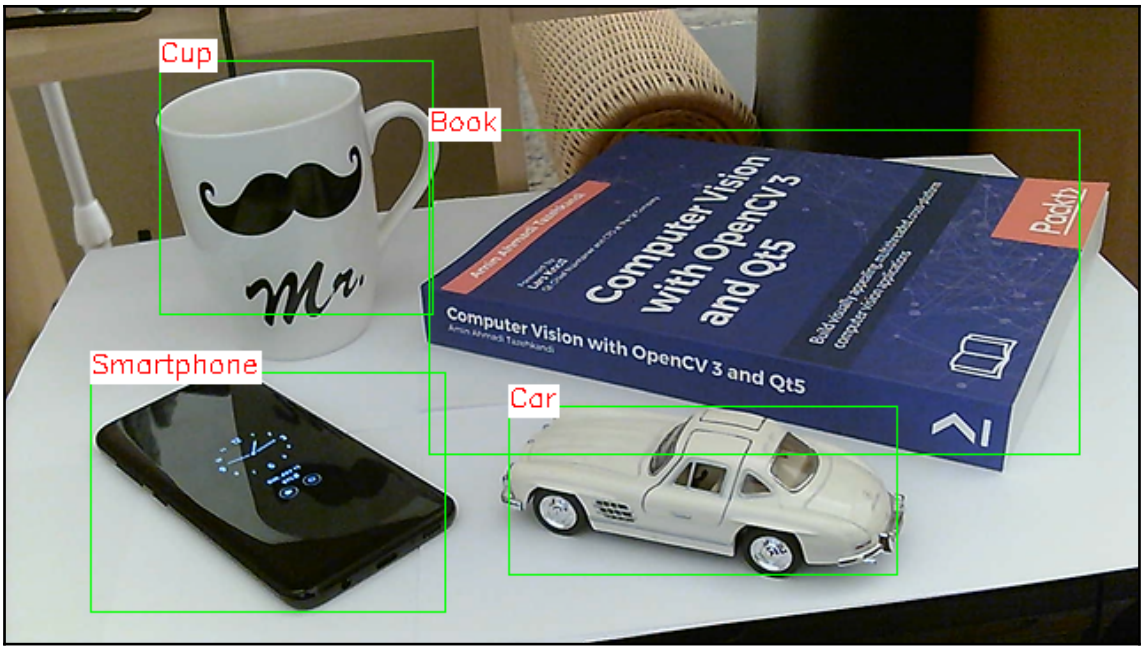




Took 99ms to detect




OpenCV Based Annotation Tool


Cup
Book
Smartphone
Car
Computer Vision with OpenCV 3 and Qt5
Packt