

---

## **Calibration example**

---

MATLAB R2021a - academic use

홈

플롯

앱

라이브 편집기

삽입

보기

앱 디자인

추가 앱 다운로드

앱 설치

앱 패키징

PID 조정기

모델 축소기

선형 시스템

제어 시스템

제어 시스템

Camera Calibrator

DICOM 브라우저

Image Labeler

OCR Trainer

Stereo Camera

Video Labeler

블록 분할기

파열

명령 창

MATLAB을 처음 사용한다면 [시작하기](#)를 참조하십시오.

>>

애드온 탐색기

공유 | 애드온 관리

필터 지우기 x vision

R2021b 제품 출시

출처별 필터링

MathWorks 12

커뮤니티 18

범주별 필터링

Using MATLAB

MATLAB 1

Using Simulink

Physical Modeling 2

Workflows

Code Generation 1

Applications

Signal Processing 1

Image Processing and Computer Vision 15

Robotics and Autonomous Systems 2

Gaming 1

Disciplines

Engineering 1

Industries 2

유형별 필터링

툴박스 및 제품 7

✓ 앱 30

Simulink 모델 1

결과: 24개

실습에 필요한 computer vision toolbox

설치됨

Computer Vision Toolbox R2021b 작성자: MathWorks

Design and test computer **vision**, 3D **vision**, and video processing systems

Computer **Vision** Toolbox™ provides algorithms, functions, and apps for designing and testing computer **vision**, 3D **vision**, and video processing systems. You can perform object detection and tracking, as

Image Labeler - Label images for computer **vision** applications

Video Labeler - Label video for computer **vision** applications

Stereo Camera Calibrator - Estimate geometric parameters of a stereo camera

Camera Calibrator - Estimate geometric parameters of a single camera

OCR Trainer - Train an optical character recognition model to recognize a speci...

MathWorks 툴박스

설치됨

Image Acquisition Toolbox R2021b 작성자: MathWorks

Acquire images and video from industry-standard hardware

acquisition, and synchronizing acquisition across multiple devices. Image Acquisition Toolbox supports all major standards and hardware vendors, including USB3 **Vision**, GigE **Vision**®, and GenICam™ GenTL. You can

MathWorks 툴박스

설치됨

Image Processing Toolbox R2021b 작성자: MathWorks

Perform image processing, visualization, and analysis

). You can accelerate your algorithms by running them on multicore processors and

MathWorks 툴박스

준비

검색하려면 여기에 입력하십시오.

태스크

파일

브라우저

앱

메일

채팅

엑셀

워드

크롬

타미

리모트 데스크톱

마이크로소프트

오후 12:45 2022-02-18

## Disparity & Depth 계산

### MATLAB APP을 이용하여 Calibration Parameter 구하기

[Stereo camera calibrator \_MATLAB APP]

[https://kr.mathworks.com/help/vision/ug/using-the-stereo-camera-calibrator-app.html?s\\_tid=srchtitle\\_stereo%20camera%20calibrator\\_3](https://kr.mathworks.com/help/vision/ug/using-the-stereo-camera-calibrator-app.html?s_tid=srchtitle_stereo%20camera%20calibrator_3)

### Calibration Parameter로 두 이미지 rectification 후 depth와 disparity 구하기

[disparity documentation]

<https://kr.mathworks.com/help/vision/ref/disparitysgm.html>

## Disparity & Depth 계산

[Original]

[Disparity]

[Depth]

