Shree K. Nayar Columbia University

Topic: Camera Calibration, Module: Reconstruction II

First Principles of Computer Vision

Method to find a camera's internal and external parameters.



Method to find a camera's internal and external parameters.

Topics:

(1) Linear Camera Model



Method to find a camera's internal and external parameters.

Topics:

(1) Linear Camera Model



Method to find a camera's internal and external parameters.

- (1) Linear Camera Model
- (2) Camera Calibration



Method to find a camera's internal and external parameters.

- (1) Linear Camera Model
- (2) Camera Calibration



Method to find a camera's internal and external parameters.

- (1) Linear Camera Model
- (2) Camera Calibration
- (3) Extracting Intrinsic and Extrinsic Matrices



Method to find a camera's internal and external parameters.

- (1) Linear Camera Model
- (2) Camera Calibration
- (3) Extracting Intrinsic and Extrinsic Matrices
- (4) Example Application: Simple Stereo



Method to find a camera's internal and external parameters.

- (1) Linear Camera Model
- (2) Camera Calibration
- (3) Extracting Intrinsic and Extrinsic Matrices
- (4) Example Application: Simple Stereo

