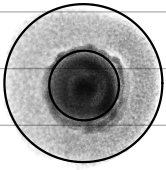


EE702: Lec-1 (8 Jan)

Computer Vision



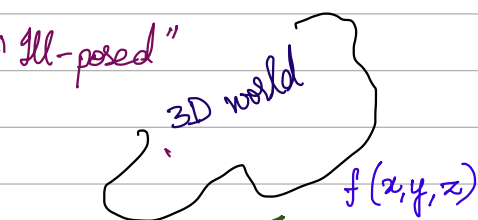
"Occlusion"
"Scale"

Shift \rightarrow "disparity"

Stereo \rightarrow vision

Structure from motion

"All-posed"



$$g: f \rightarrow I$$
$$g^{-1}: I \rightarrow f$$



$$\frac{1}{u} - \frac{1}{v} = \frac{1}{f}$$

Depth from focus

Books:

- 1] Robot vision - BKP Horn
- 2] Forsyth and Ponce
- 3] Freeman - Isola

EVALUATION

2 Lab assignments	\rightarrow	$15 \times 2 = 30\%$
Attendance	\rightarrow	10%
Midterm	\rightarrow	30%
Final	\rightarrow	30%