Weekly Study Plan: Overview

Wk	Starting	Lecture	Lab	Assessment
1	19 Feb	Introduction	✗	
2	26 Feb	Low-level Vision 1	1	
3	4 Mar	Low-level Vision 2	1	
		Mid-level Vision 1		
4	11 Mar	Mid-level Vision 2	1	CLab1 report due Friday
		High-level Vision 1		
5	18 Mar	High-level Vision 2	2	
6	25 Mar	High-level Vision 3[1]	2	
	1 Apr	Teaching break	✗	
	8 Apr	Teaching break	✗	
7	15 Apr	3D Vision 1	2	CLab2 report due Friday
8	22 Apr	3D Vision 2	3	
9	29 Apr	3D Vision 3	3	
10	6 May	3D Vision 4	3	
		Mid-level Vision 3		
11	13 May	High-level Vision 4	✗	CLab1 report due Friday
12	20 May	Course Review	✗	

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[1]No lecture on Friday, public holiday

Weekly Study Plan: Part A

Wk	Starting	Lecture	By
1	19 Feb	Introduction to computer vision and image formation	Miaomiao
2	26 Feb	Low-level vision: image formation, representation and processing	Miaomiao
3	4 Mar	Low-level vision: image filtering	Miaomiao
		Mid-level vision: edge detection, image features	Miaomiao
4	11 Mar	Mid-level vision: image features	Miaomiao
		High-level vision: introduction	Miaomiao
5	18 Mar	High-level vision: deep neural networks	Miaomiao
6	25 Mar	High-level vision: deep neural networks	Miaomiao

Weekly Study Plan: Part B

Wk	Starting	Lecture	By
7	15 Apr	3D vision: introduction, camera model, single-view geometry	Dylan
8	22 Apr	3D vision: camera calibration, two-view geometry (homography)	Dylan
9	29 Apr	3D vision: two-view geometry (epipolar geometry, triangulation, stereo)	Dylan
10	6 May	3D vision: multiple-view geometry	Weijian
		Mid-level vision: optical flow, shape-from-X	Dylan
11	13 May	High-level vision: self-supervised learning, detection, segmentation	Dylan
12	20 May	Course review	Dylan