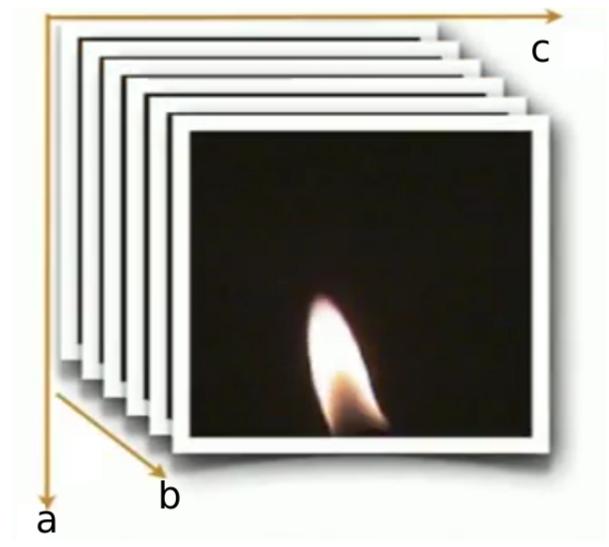
Feedback — Quiz 4

You submitted this quiz on Thu 25 Apr 2013 11:56 PM PDT. You got a score of 7.00 out of 7.00.

Question 1

Recall the following representation of a video:



Please choose the one option that accurately assigns a dimension to each character.

Your Answer		Score	Explanation
● a - y	✓	1.00	Correct!
 a - yb - t			
C - X			

b-y
c-x

a-x
b-t
c-y

a-x
b-y
c-t

Total

1.00 / 1.00

Question 2

At least how fast do images need to be refreshed in order for a human to perceive continuous motion without flicker?

Your Answer		Score	Explanation
24 times per second.	~	1.00	Correct!
12 times per second.			
30 times per second.			
60 times per second.			
Total		1.00 / 1.00	

Question 3

Please choose the one option that accurately describes a video texture.

	Score	Explanation
~	1.00	This option is correct!
	1.00 / 1.00	
	•	✓ 1.00

Question 4

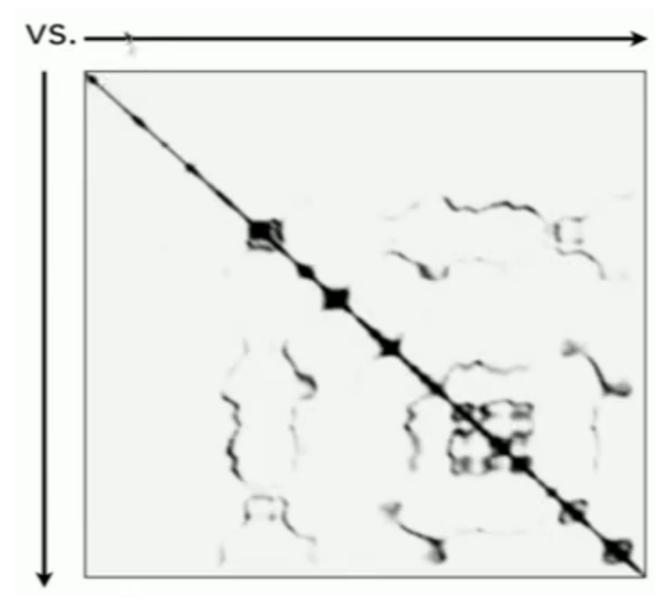
Choose the one option that accurately describes the idea behind the L2 norm.

Your Answer	Score	Explanation
The sum of differences of the corresponding pixels in two images.		
The difference in dimension of two images.		
The sum of squares of differences of the corresponding pixels in two images.	✓ 1.00	This option is correct!
The difference of the averages of two images.		

Total 1.00 / 1.00

Question 5

Recall the following image of a similarity matrix from lecture:



Please choose all of the options that accurately describe this diagram.

Your Answer		Score	Explanation
☐ Black pixels represent frames that are different, while white pixels represent frames that	~	0.12	
are similar.			

☑ The pixels on the diagonal identify frames that are close to each other in time.	~	0.12	This option is correct.
☑ Black pixels represent frames that are similar, while white pixels represent frames that are different.	~	0.12	This option is correct.
▼ The rows and columns index frame numbers.	~	0.12	This option is correct.
☐ The pixels on the diagonal identify frames that are far from each other in time.	~	0.12	
☐ The rows and columns index the width and height of each frame in the video.	~	0.12	
☐ The intensity of each pixel represents the difference in time of the frames.	~	0.12	
✓ The intensity of each pixel represents the similarity of the corresponding frames.	~	0.12	This option is correct.
Total		1.00 / 1.00	

Question 6

Please identify all of the parameters of the plenoptic field P.

Your Answer		Score	Explanation
	~	0.12	This option is correct!
□ V - the size of the sensor	~	0.12	This option is not correct.
s - the shutter speed	~	0.12	This option is not correct.
a - the aperture	~	0.12	This option is not correct.

	0.12	This option is correct!
	0.12	This option is correct!
/	0.12	This option is not correct.
/	0.12	This option is correct!
	1.00 / 1.00	
	•	0.120.120.12

Question 7

Please choose the one option that describes the benefit of using eccentric aperture and adding miniature pinholes at the image plane.

	Score	Explanation
~	1.00	This option is correct.
	1.00 / 1.00	
	*	✓ 1.00