Signed on as **ปุญญพัฒน์ สุรเกียรติกำจร**
    My worksheet

# In-class - 30 Aug 2023

Out:   Due:
Aug   Aug

2110431.2147329i (2023/1)
For individual student

**30**   **30**
2023   2023

16:00

Instruction

undefined

---

## My Work



**Complete the question set**

---
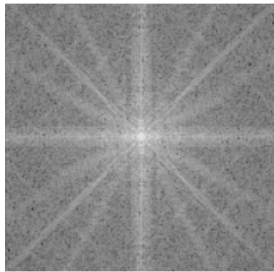
1 point

**1**   Which of the following is incorrect?

Pick a choice:

⚪ **Fourier spectrum of frequency variable at u and v = 0 is the average of grayscale values.**

⚪ **By multiply spatial domain with (-1)^(x+y), frequency response is the original spectrum moving origin to output centre.**

⚪ **Fourier transform is conjugate symmetric.**

🔵 **The maximum frequency of Fourier transform of an image is at image border.**

---

1 point
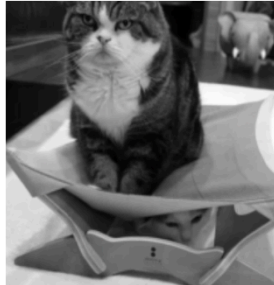
**2**   Which original image a), b), c), d) has the fourier spectrum as the one below?

(a)                                      (b)



(c)                                      (d)



Pick a choice:

○ **a**

○ **b**

◉ **c**

○ **d**

1 point

**3** What are the highest frequencies in horizontal and vertical direction, respectively for an image of 200 x 100 pixels?

Pick a choice:

○ **1/100, 1/200**

○ **1/50, 1/100**

○ **1/100, 1/50**

◉ **1/2, 1/2**

**(Optional) Call for the attention of**

➕ Show staff searching box

**Submit your work**

Save / Submit

The latest submission was made at 30-08-2023 15:51:24

## Staff's Feedback

-- No feedback to this submission has been made by any of the course staffs yet. --