

Name: **Yongyuan Bai**ID: **20651030**

Section: 1 (8:30pm)



2 (11:30pm)

3 (1:30)

1. (a) Fourier

(5) _____

(b) Inverse Fourier

(5) _____

...../10

2. (a) F_k

(7) _____

(b) F_{2k}

(8) _____

...../15

3. (a) g, h

(5) _____

(b) G, H

(5) _____

(c) F

(5) _____

(d) F (butterfly)

(5) _____

...../20

4. Edge Sharpening

...../15

5. train / bird

...../20

6. Image compression

...../20

Total: (100) _____