

## قسم هندسة الحاسبات - الامتحان النهائي لمادة: حوسبة الوسائط المتعددة - المرحلة:الرابعة(2020-2021)

The respondent's email (**nice.a.a.eng@nuc.edu.iq**) was recorded on submission of this form.

\* الاسم الرباعي و اللقب

لطيف عبدالمحسن افريح فاضل

\* الدراسة



صباحي



مسانني

\* Addition and Averaging is used for



Removing Noise



Adding Noise



Modifying Noise



Changing Noise



Other:

The main application for image subtraction is in: \*

- ☒ Detection
- ☐ Observation
- ☐ Managing
- ☐ Integration
- ☐ Other: .....

The main application for image subtraction is \*

- ☐ change value
- ☐ change position
- ☒ change detection
- ☐ change image
- ☐ Other: .....

Multiplication and division can be used to adjust: \*

- ☐ color
- ☒ brightness
- ☐ size
- ☐ gray level
- ☐ Other: .....

compression applied to digital images, to reduce: \*

- ☒ transmission
- ☐ original image
- ☐ color factor
- ☐ image quality
- ☐ Other: .....

### Untitled Section

When two images are subtracted, the observation will be noticed in: \*

- ☒ Non zero value
- ☐ Zero Value
- ☐ Positive Value
- ☐ Negative Value
- ☐ Other: .....

Brightness adjustment is often used as a pre-processing step in: \*

- ☐ Image zoom-in
- ☐ Image zoom-out
- ☒ Image enhancement
- ☐ Image sharpening
- ☐ Other: .....

Logical Operation is applied for; \*

- ☒ Binary Image
- ☐ Gray-scale Image
- ☐ Color Image
- ☐ Multi-spectral Image
- ☐ Other: .....

A histogram is a graph that shows: \*

- ☐ The Time
- ☒ The Frequency
- ☐ The Dimention
- ☐ The Size
- ☐ Other: .....

In histogram normalization, the summation of all values should be: \*

- ☐ 0
- ☒ 1
- ☐ 8
- ☐ 255
- ☐ Other: .....

Solve the following question:

\*

	Yes	No
Uncompressed file returns the image before compression	<input checked="" type="radio"/>	<input type="radio"/>
Lossless compression is used to Word files	<input checked="" type="radio"/>	<input type="radio"/>
Raster Image refers to analog data transmission	<input type="radio"/>	<input checked="" type="radio"/>
Before sampling we have to do image quantization	<input type="radio"/>	<input checked="" type="radio"/>
Compressor: consists of pre-processing stage and dencoding stage.	<input type="radio"/>	<input checked="" type="radio"/>
The main application for image subtraction is changing the value	<input type="radio"/>	<input checked="" type="radio"/>
Video is a static media	<input type="radio"/>	<input checked="" type="radio"/>
image compression stages consist of decoder	<input type="radio"/>	<input checked="" type="radio"/>
The histogram of an image records the frequency distribution of gray level	<input checked="" type="radio"/>	<input type="radio"/>
Removing static background from Medical Images using addition	<input type="radio"/>	<input checked="" type="radio"/>

## Questions

Multimedia System is characterized by: \*

- ☐ Education.
- ☐ Scientific research
- ☒ Processing
- ☐ Spatial application
- ☐ Other: .....

Multimedia coding is used for: \*

- ☒ Integration
- ☐ Virtual environments
- ☐ Security
- ☐ Computer
- ☐ Other: .....

Multimedia presentations can be: \*

- ☐ Live
- ☒ Recorded
- ☐ Live or Recorded
- ☐ None of these
- ☐ Other: .....

Cinema is presented as: \*

☐ Control progress

☐ Hypermedia

☒ Linear content

☐ Nonlinear content

☐ Other: .....

Multimedia categories broadly divided into: \*

☐ Graphics and image

☐ Text and video

☒ Linear and Non-linear

☐ Hyper and non-hyper

☐ Other: .....

Untitled Section

Multiplication and division can be used to adjust: \*

☐ color

☒ brightness

☐ size

☐ gray level

☐ Other: .....

The histogram of an image records the frequency distribution of: \*

- ☒ gray level
- ☐ binary numbers
- ☐ image volume
- ☐ image data
- ☐ Other: .....

compression applied to digital images, to reduce: \*

- ☒ transmission
- ☐ original image
- ☐ color factor
- ☐ image quality
- ☐ Other: .....

image compression stages consist of: \*

- ☒ encoder
- ☐ decoder
- ☐ accumulator
- ☐ transmitter
- ☐ Other: .....



The image size of gray scale 256 x 256 dimension image is: \*

☐ 16 KB

☐ 48 KB

☒ 64 KB

☐ 96 KB

☐ Other: .....

This form was created inside of Al-Nisour University College.

Google Forms