XAVIER INSTITUTE OF ENGINEERING

A SISTER INSTITUTION OF ST. XAVIER'S COLLEGE

Online Guest Lecture on "Image Compression"

DATE: 13/04/2021

Event Coordinator(s)

Ms. Madhura Shirodkar

Time & Place:

Google Meet Platform

12th April, 2021

2:00 – 4:00 pm

Department:

Electronics & Telecommunication Engineering

No of participants:

40

An online guest lecture was organized for the students of TE EXTC on the topic **"Image Compression"**. It was delivered by **Dr. Satish Chavan working at DBIT, Kurla**.

This online course was conducted on Google meet platform on 12th **April, 2021, from 2:00 pm to 4:00 pm**. Total 40 students attended the course.

The objective of this course was to fill the curriculum gap identified in the subject Image Processing and Machine Vision for TE EXTC. The resource person covered the topics like need for compression, image compression model, image compression techniques, types of codings, image compression standards etc.

There was an interactive question and answer session following the presentation and the session ended with the proposal of vote of thanks by Prof. Madhura Shirodkar.

Overall, the session was interesting and motivating for students.

Student Feedback and Benefits:

The students found the session very informative, helpful and excellent. It was a knowledge gaining session.

(Madhura Shirodkar)

Signing Authority
Name and Designation

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Subject In-charge of the Department

Department of Electronics and Telecommunication
Xavier Institute of Engineering
Mahim Causeway, Mahim (W), Mumbai - 400 016.

PRINCIPAL
Xavier Institute of Engineering
Mahim, Mumbai - 400 016.

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12/04/2021

IPMV Guest Lecture 20-21 Feedback Form - Electronics and Telecommunication Department

19 responses

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Questionnaire

How was the overall organization of the session?

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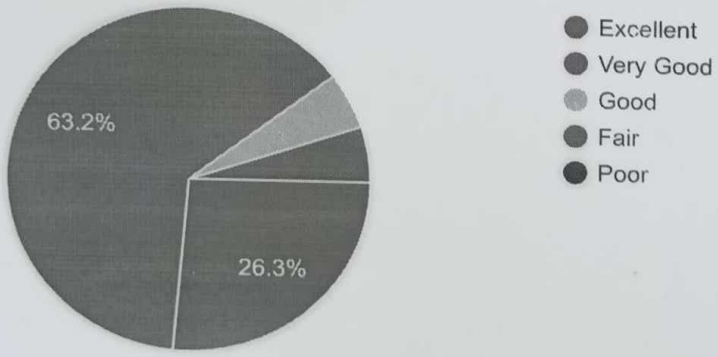
19 responses



How relevant was the content discussed by the speaker?

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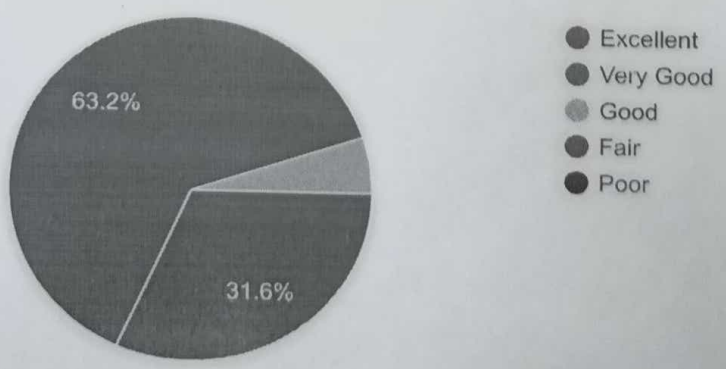
19 responses



Are you satisfied with the time and venue/platform?

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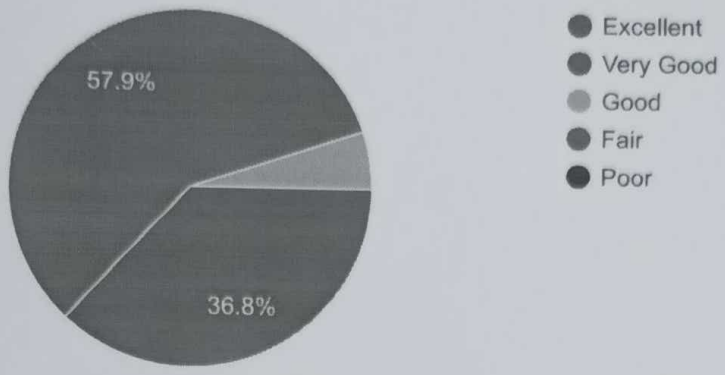

How much interesting this session was for you?

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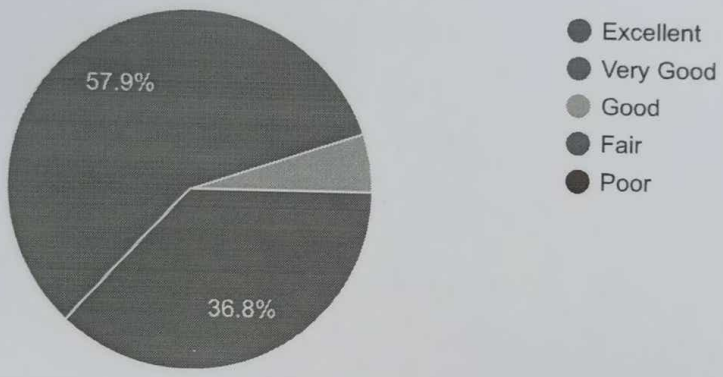
19 responses



How was your preparation about the topic before the guest lecture?

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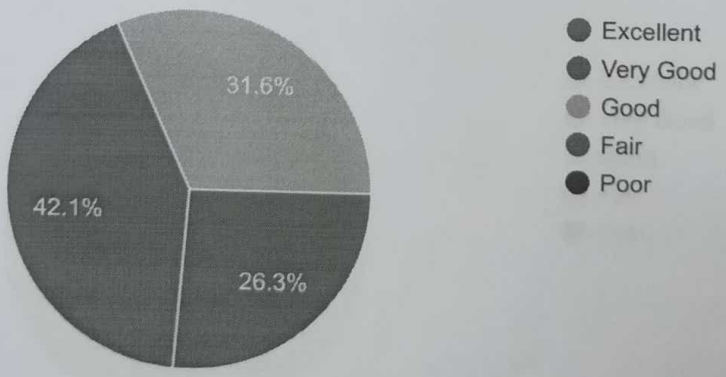
19 responses



Did the lecture cover what you were expecting?

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19 responses

What is your opinion about the speaker?

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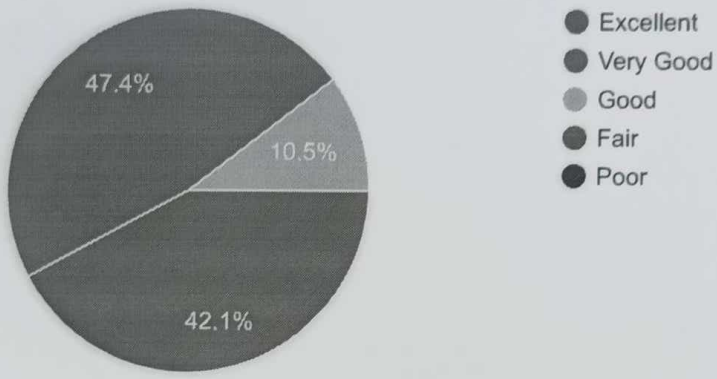

How much this session was useful from the knowledge and information point of view

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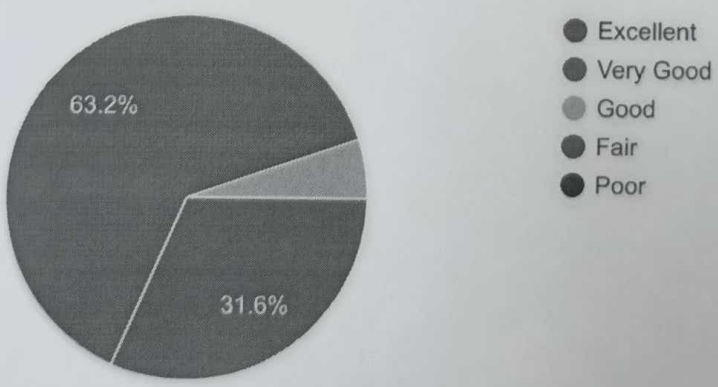

Overall effectiveness of the session

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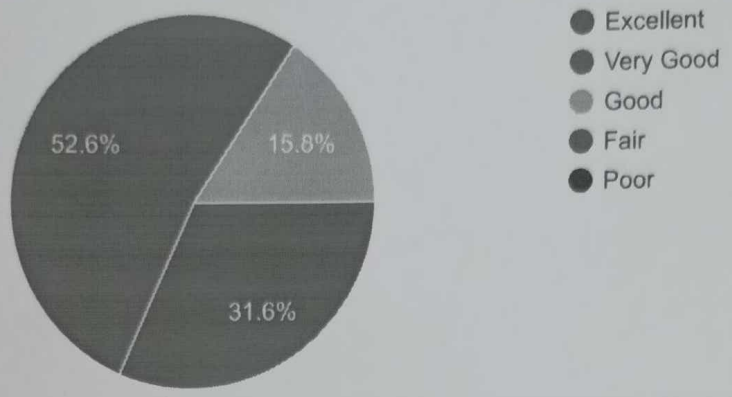

Additional comments and suggestions for future

4 responses

NA

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None

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Quiz

Enter Class Roll Number

19 responses

11

02

15

52

60

25

51

4

3

Name

19 responses

Shantanu Chhailkar

Aniruddha Adiga

Jinit Desai

Jil patel

Kartikey Prajapati

Nisha Jadhav

Ashish Pandey

Aniket Chougule

Ajit George

XIE-ID

19 responses

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The objective of image compression is to save

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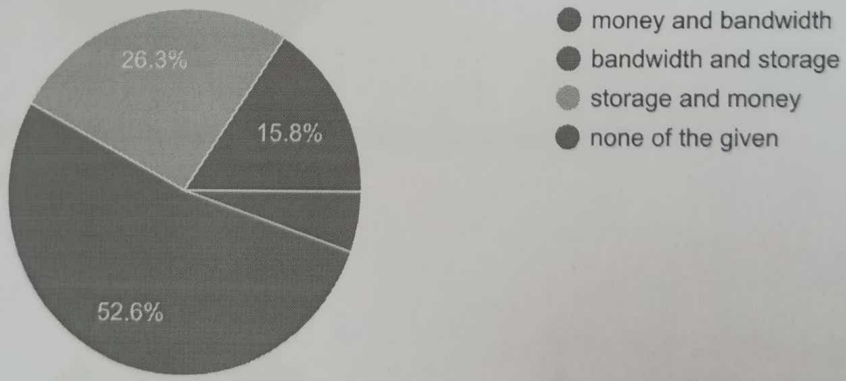

If you want to recover the original image from its compressed form then you will adapt

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If you want to transform the difference between adjacent pixels in an image then the process is called as

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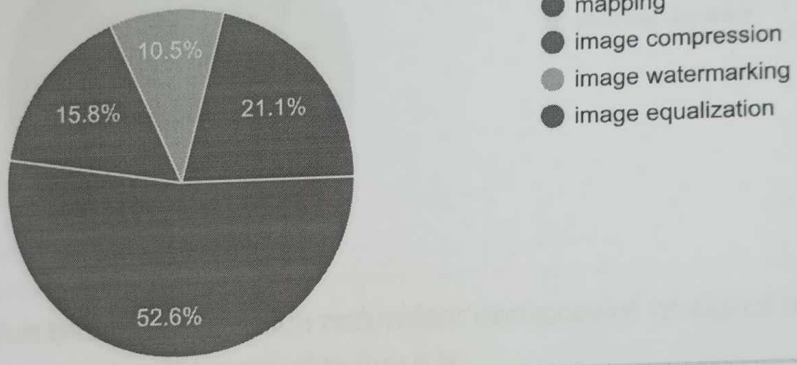

In image compression the data redundancy associated with the representation of information is

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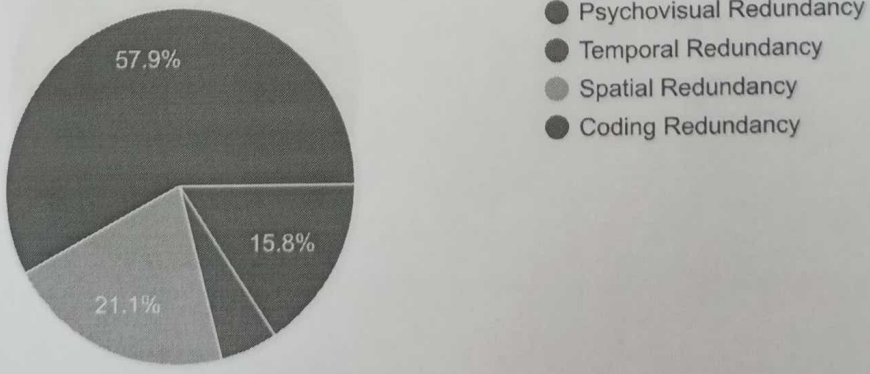

The parameter used to measure objective fidelity of an image is

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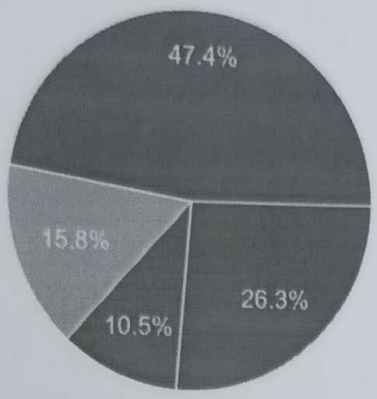

- mean square error
- SNR
- PSNR
- all of the given

Hamming code is used in which stage of image compression model?

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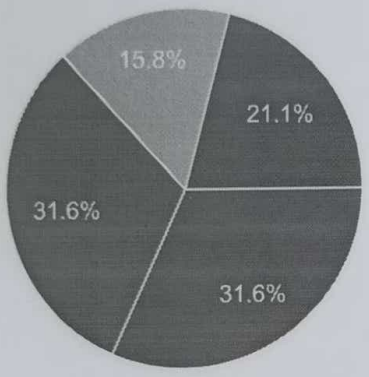

- source encoder
- channel encoder
- source decoder
- channel decoder

The compression technique in which redundant component of signal are discarded and output is not identical to input is

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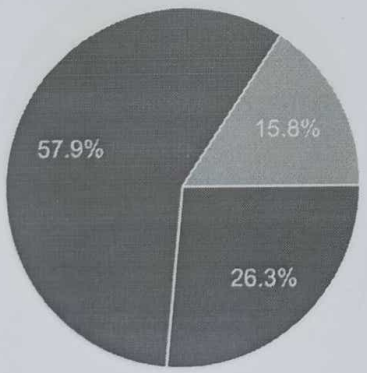

- lossless compression
- lossy compression
- both
- none of the given

Which of the following is a recognized compression standard?

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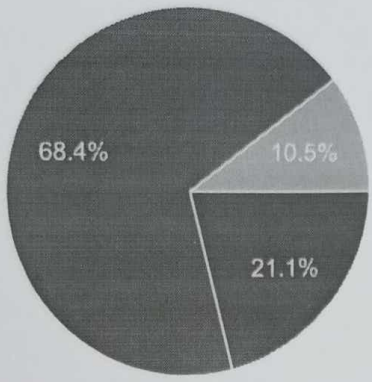

Which of the following does not come under variable length coding?

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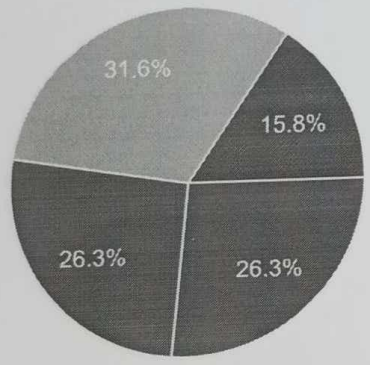

The image transform used in JPEG compression standard is

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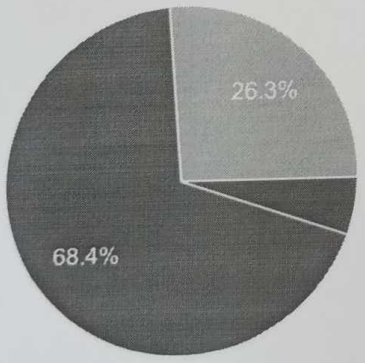

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