

MULTIMEDIA SIGNAL PROCESSING COURSE EXAM TOPICS

1. WHAT ARE EMOTIONS, FEELINGS, CONSCIOUSNESS FROM THE INFORMATION PROCESSING POINT OF VIEW?
2. EXPLAIN HOW COLOR CAN BE USED IN FACE RECOGNITION - BASED ON CAMSHIFT ALGORITHM
3. WHAT IS THE XML LANGUAGE? WHY AND HOW IT IS USED IN THE MPEG-7 STANDARD?
4. EXPLAIN PRINCIPLES OF SPEECH COMPRESSION
5. EXPLAIN LOSSLESS COMPRESSION USED IN PICTURE COMPRESSION
6. EXPLAIN OBJECT-BASED VIDEO COMPRESSION IN THE MPEG-4 STANDARD

THE QUESTIONS ARE GRADED FROM 0-5 POINTS. THE GRADES ARE ASSIGNED AS FOLLOWS:

<14p. - 0
15-16p. - 1
17-19p. - 2
20-23p. - 3
24-27p. - 4
28-30p. - 5

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