

8004053
MULTIMEDIA SIGNAL PROCESSING
EXAM TOPICS

15.12.2003

1. EXPLAIN INFORMATION PROCESSING IN THE HUMAN EAR
2. HOW INFORMATION FROM DIFFERENT SENSES IS INTEGRATED IN THE HUMAN BRAIN?
3. PRINCIPLE OF ACOUSTICAL INFORMATION COMPRESSION BASED ON PSYCHOACOUSTIC MODELLING
4. EXPLAIN THE PRINCIPLE OF FACE TRACKING BASED ON COLOR
5. ARCHITECTURE OF THE MPEG-7 STANDARD
6. EXPLAIN THE PRINCIPLE OF MOTION COMPENSATION IN THE H.264 STANDARD

You can answer in Finnish or English.

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

IREK DEFÉE