



4. i) Explain different methods of contrast enhancement. 7
- ii) Explain briefly the difference between histogram equalization and histogram specification. 7
5. i) Explain smoothing filters. what is the difference between smoothing filter and median filter ? 3 + 4
- ii) What are the properties of Hadamard transform matrix ? Write Hadamard transform matrix H_n for $n = 3$. 2 + 3
- iii) What is the need for gamma correction ? 2
6. i) What is pseudo colour image processing ? Explain. 6
- ii) What is Constrained and Unconstrained restoration ? 8
7. Write short notes on any *two* of the following : 2 × 7
- i) Discrete Cosine transform
- ii) Walsh transform
- iii) Geometric transformations.
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