

Color Model:

1. What is Color Model?
2. Describe RGB color Model.
3. Explain the difference between RGB & CMY color model.
4. How to convert RGB to CMY color model?
5. How to convert RGB to YIQ color model?
6. Define Hue, Saturation, Intensity.
7. How to convert RGB to HSI color model?

Edge Detection:

1. Define Edge Detection with Equation.
2. Describe Derivative filters in edge detection.
3. Explain Edge Detection using Gradient Operator.
4. Draw the kernel of Gradient Operator, Robert Operator, Sobel Operator.
5. Explain edge detection technique using Prewitt, Robert, Sobel and Isotropic operator.