

- ① Write short note -
- ① Region extraction
- ② Image registration
- ③ Edge detection algorithm.

① Region extraction:

Region extractor from multiple images - A set of regions in different images and the correspondent on their boundaries can be thought of as a boundary in the multiple-dimensional space formed by the product of the individual image domains.

② Edge detection - It is an image process technique for finding the boundary of object within images. It work by detecting discontinuities in brightness.

Common edge detection algorithm include Sobel, Canny, Prewitt, Roberts.

③ Image registration: It is the process of geometrically aligning two or more images to integrate to fuse correspondingly pixels that represent the same objects.