

Skeletonization Approach with Basic & Parallel Iterative Algorithm

Richa Setiya¹ and Shakti Arora²

ABSTRACT

Skeletonization is technique that is widely adapted by medical applications as well as image processing. Skeleton provides the basic properties of any object, which can further be used for processing. It helps in maintaining the geometrical & topological properties of the object so the algorithm that is presented in the paper is providing the high connectivity of the pixels, especially the parallel algorithm works in iterations giving the better results in form of two pixel wide problems, connectivity & supurious branches.

Key Words: Skeletonization, pixels, tip-point.